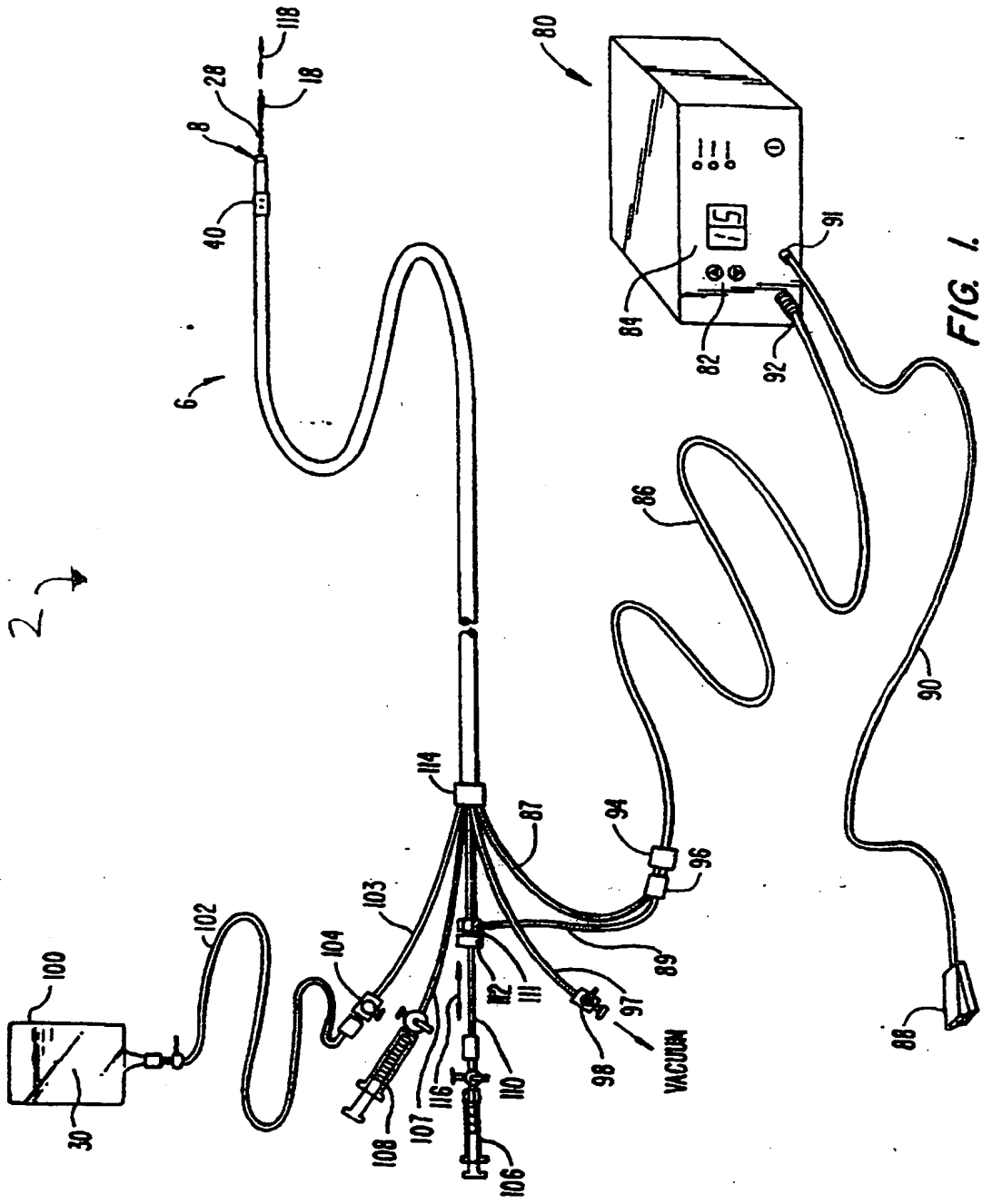


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PCT/US98/07976

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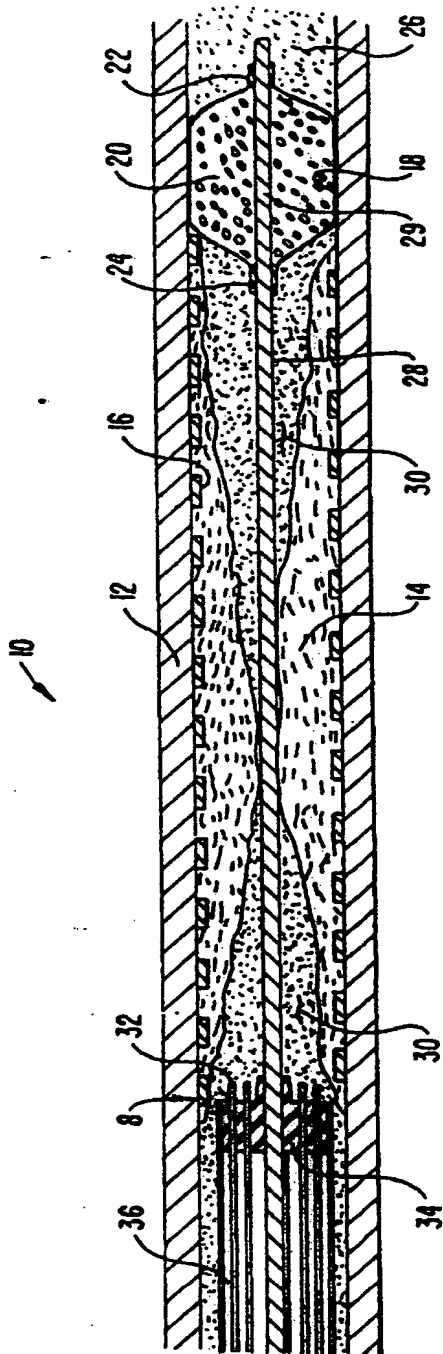


FIG. 2A.

WO 98/56324

PCT/US98/07976

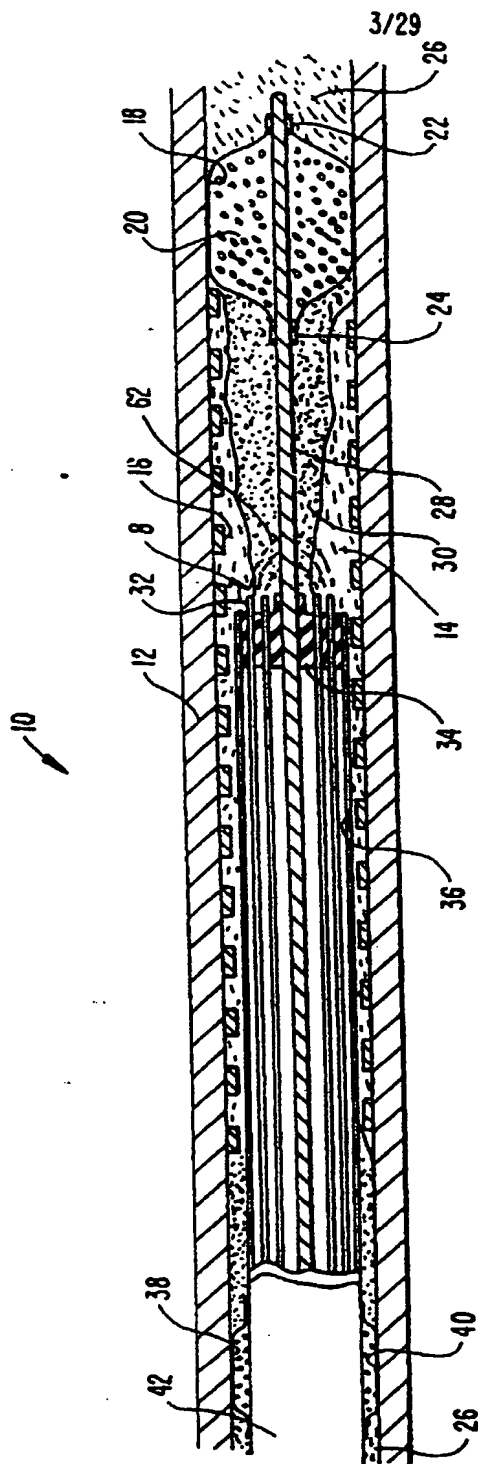


FIG. 2B.

WO 98/56324

PCT/US98/07976

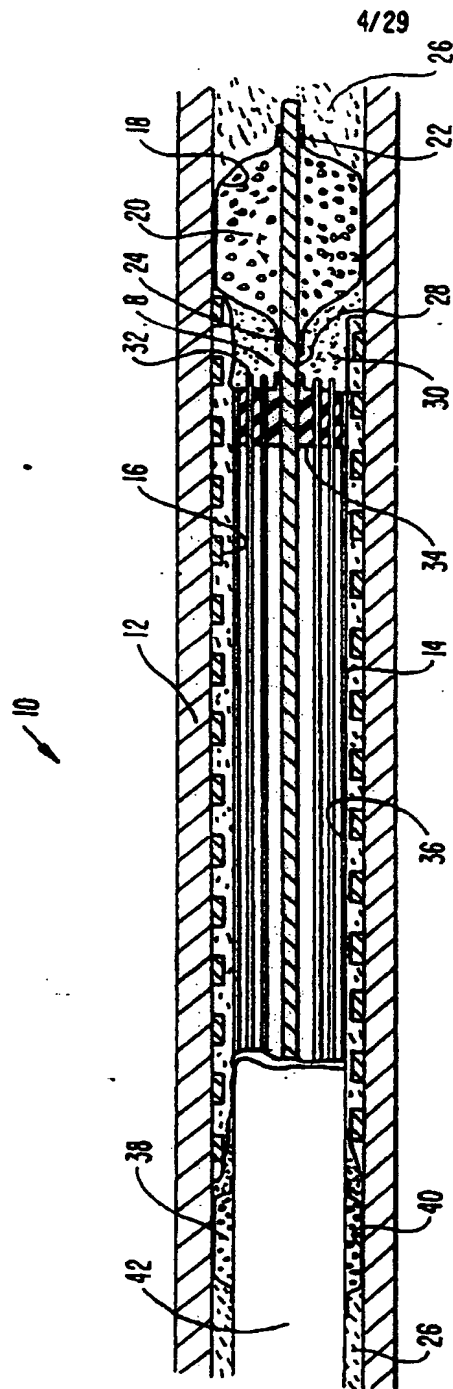


FIG. 2C.

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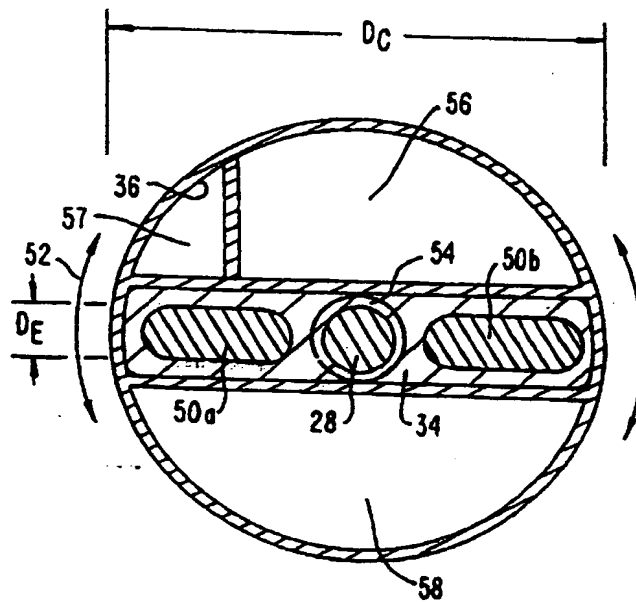


FIG. 3A.

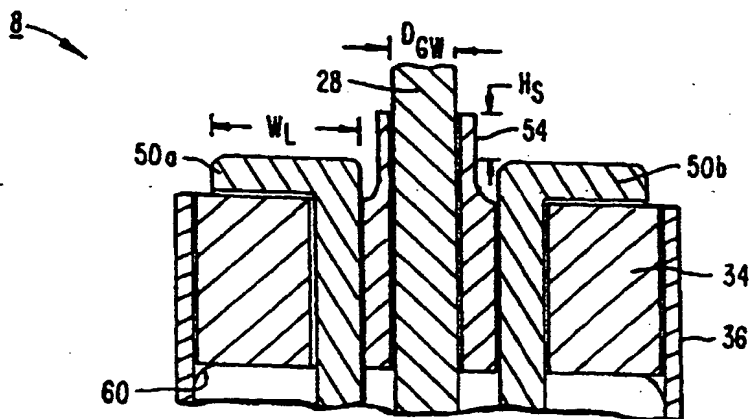


FIG. 3B.

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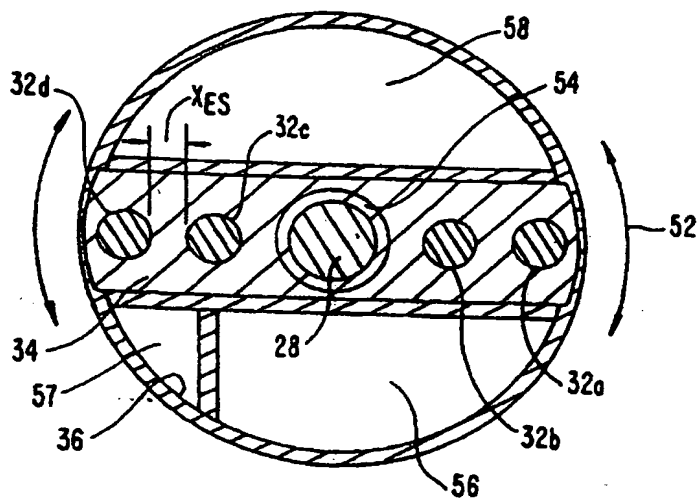


FIG. 4A.

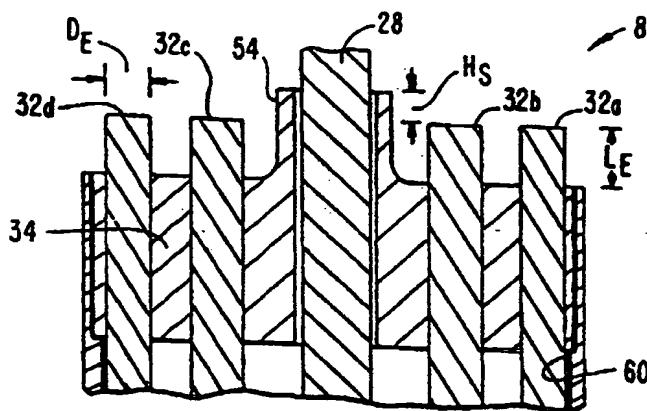
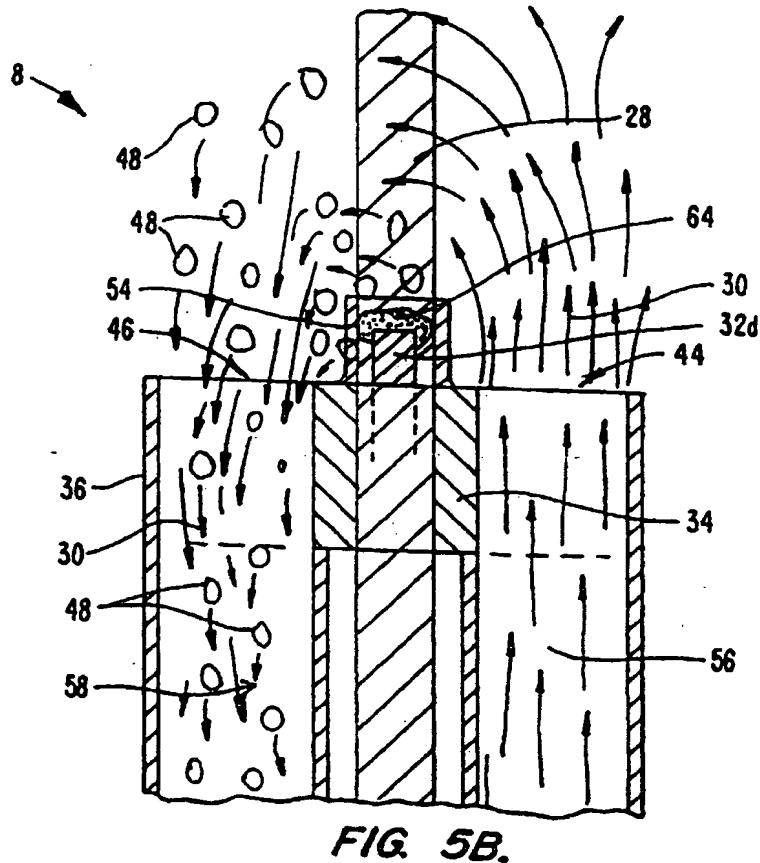
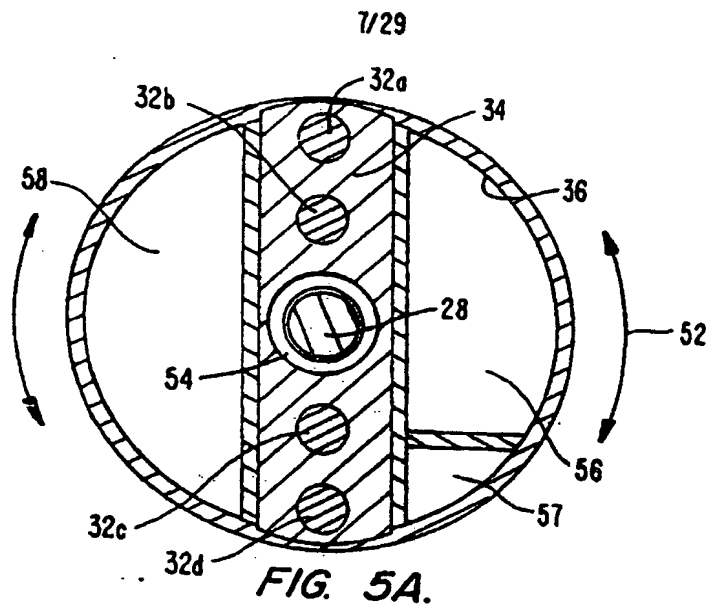


FIG. 4B.



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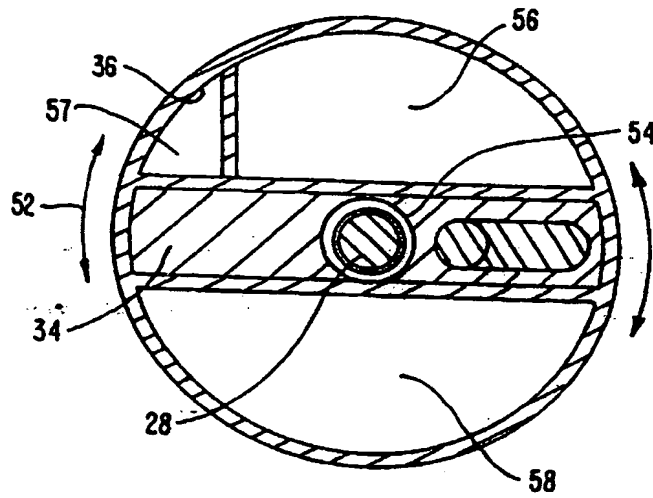


FIG. 6A.

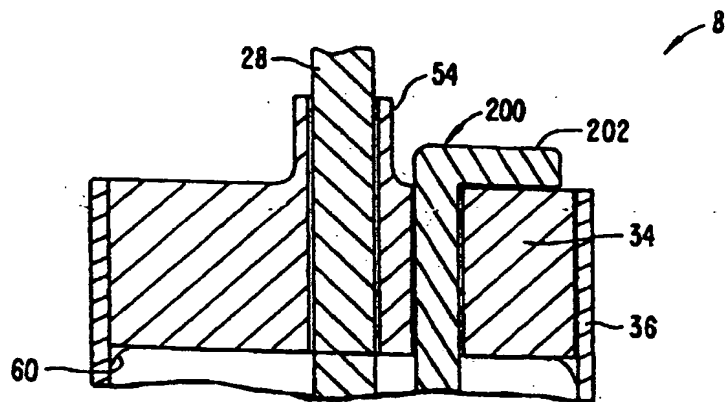


FIG. 6B.



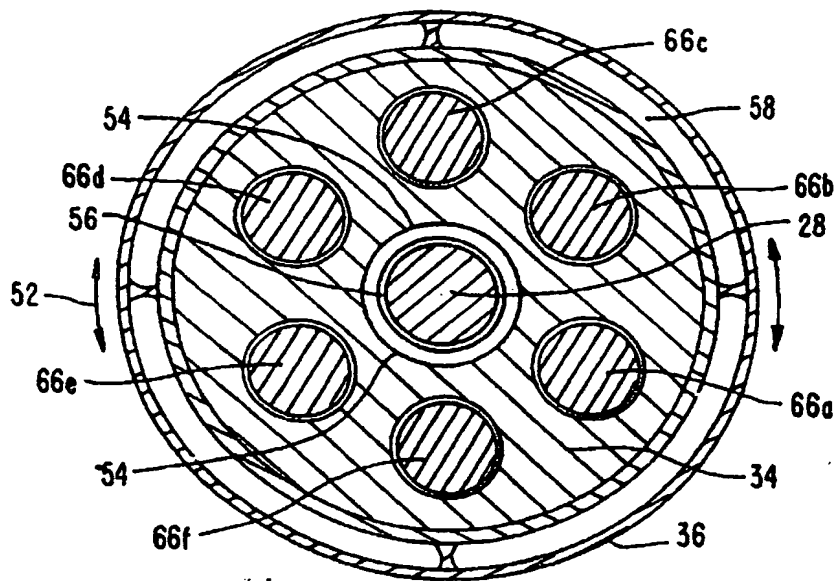


FIG. 7A.

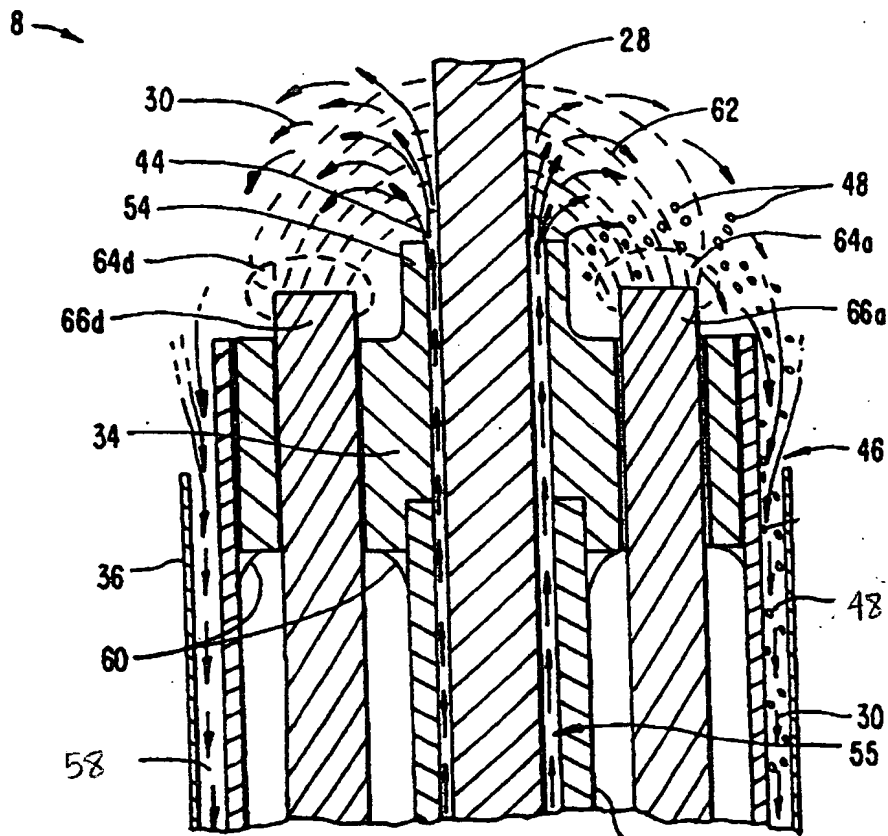


FIG. 7B.

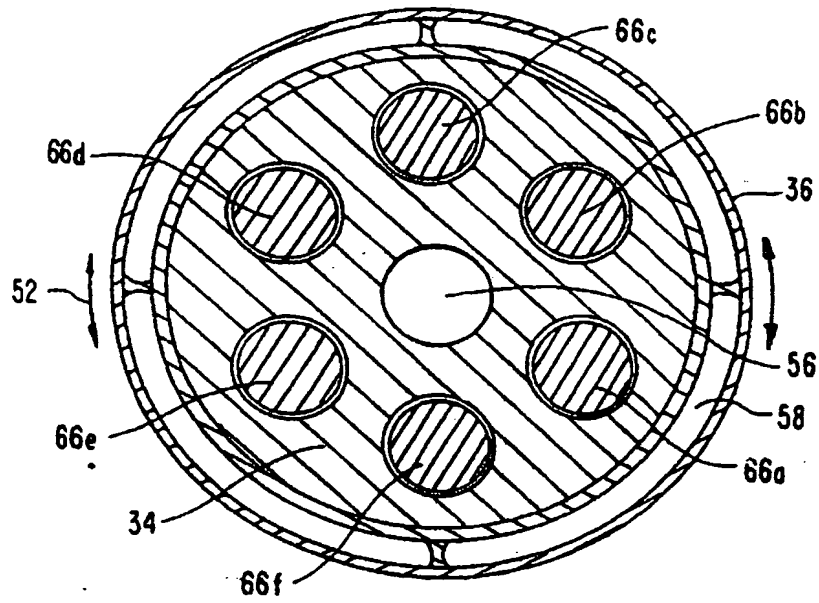


FIG. 8A.

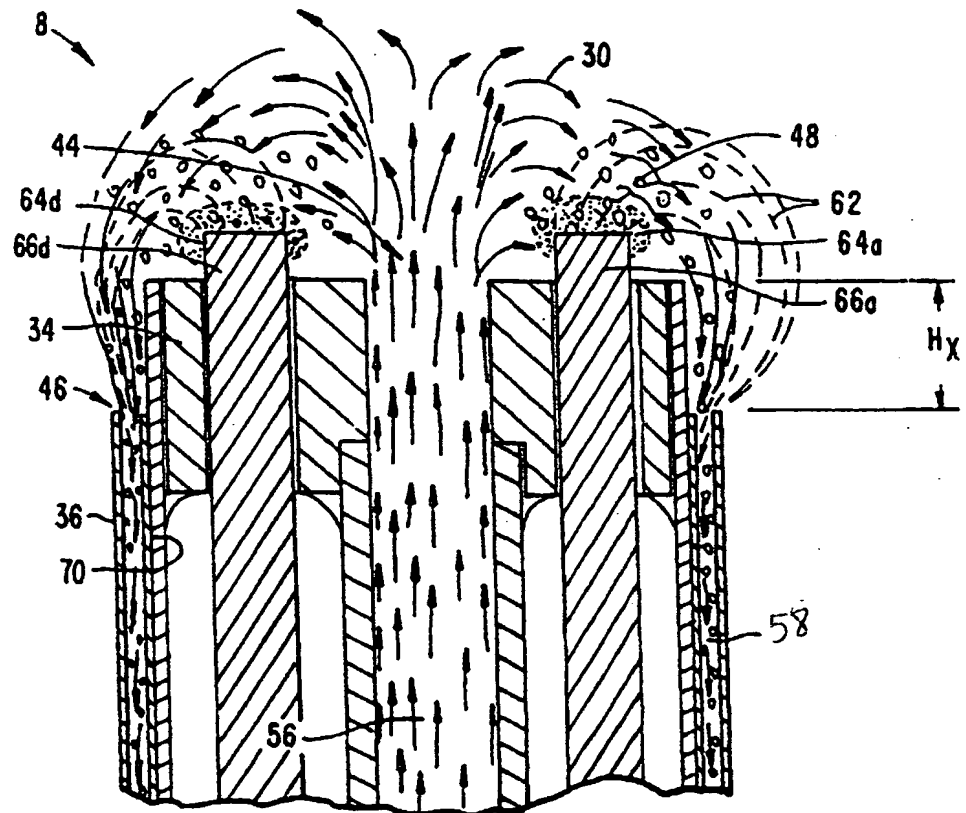


FIG. 8B.

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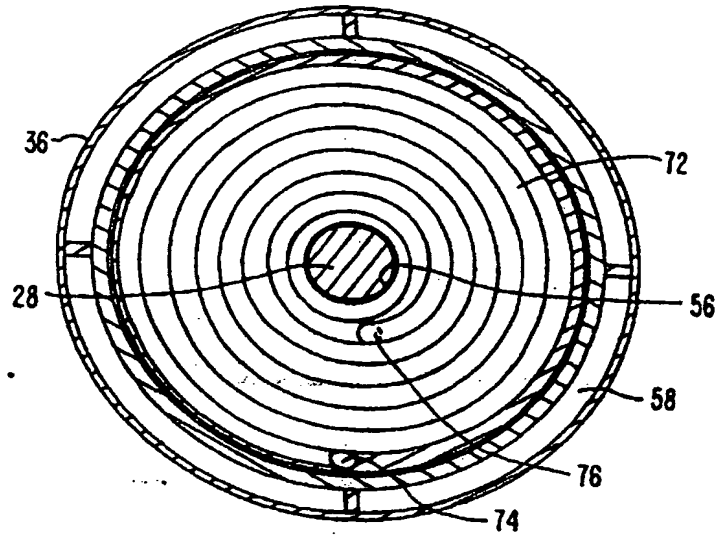


FIG. 9A.

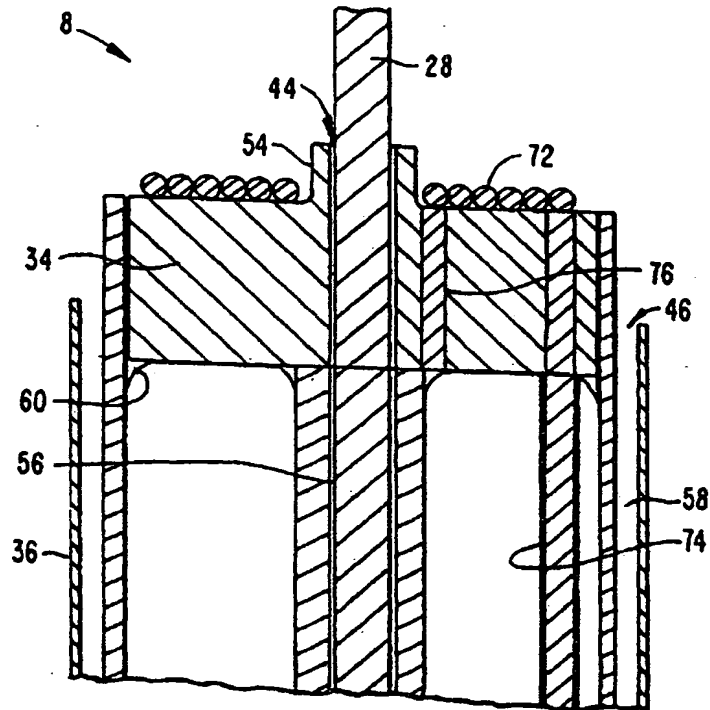
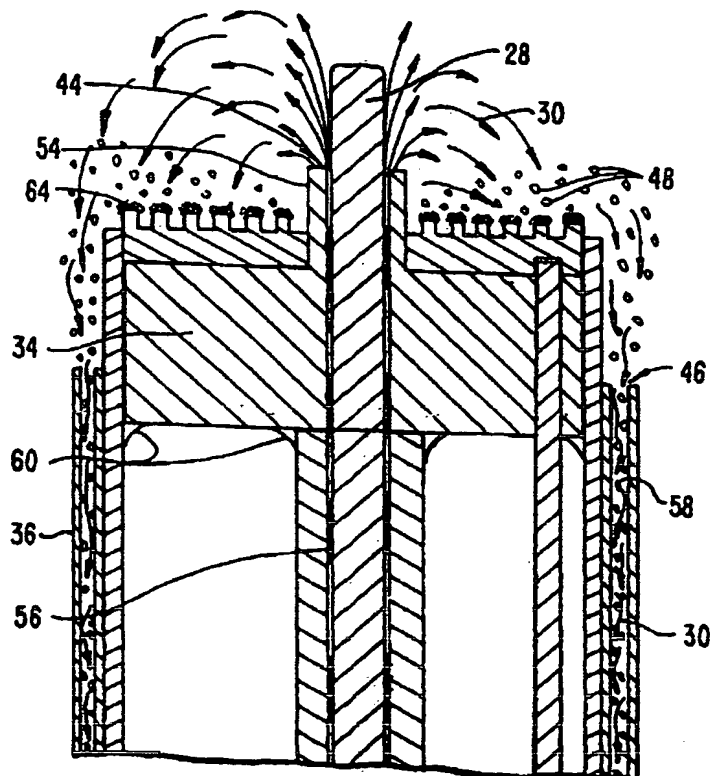
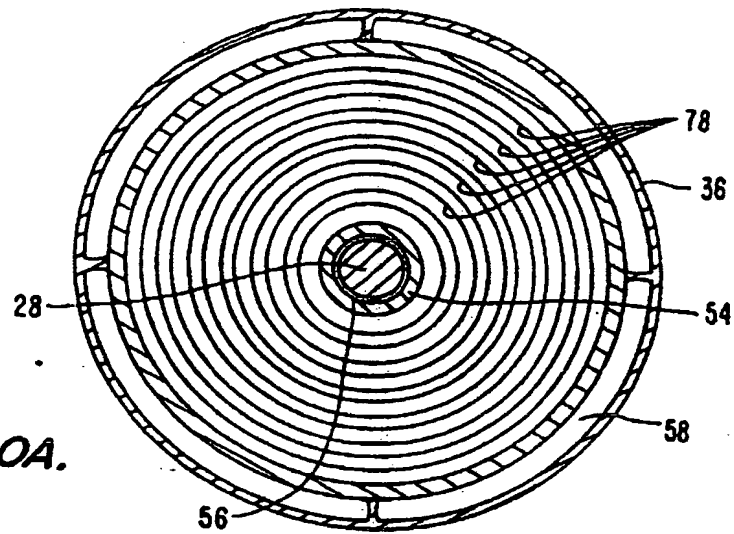


FIG. 9B.

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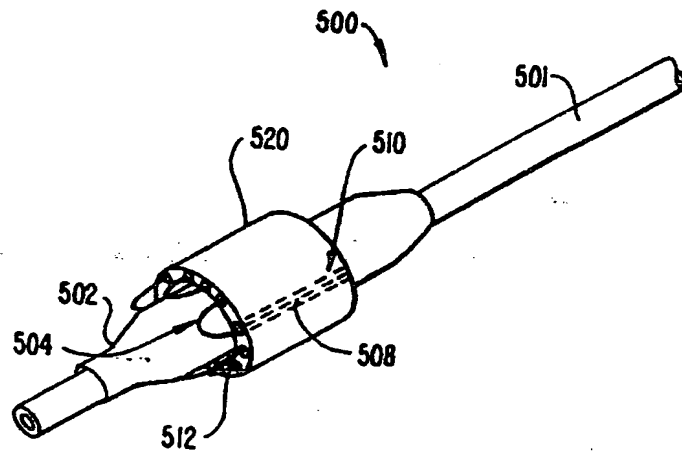


FIG. 11.

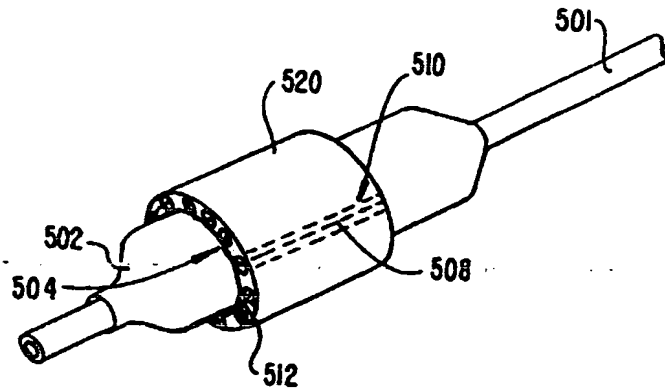


FIG. 12.

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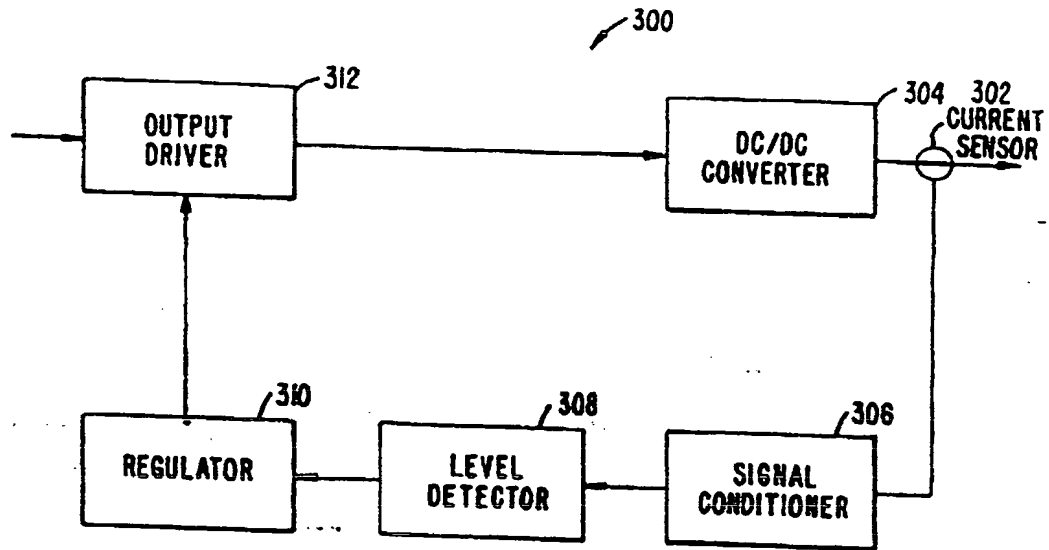


FIG. 13.

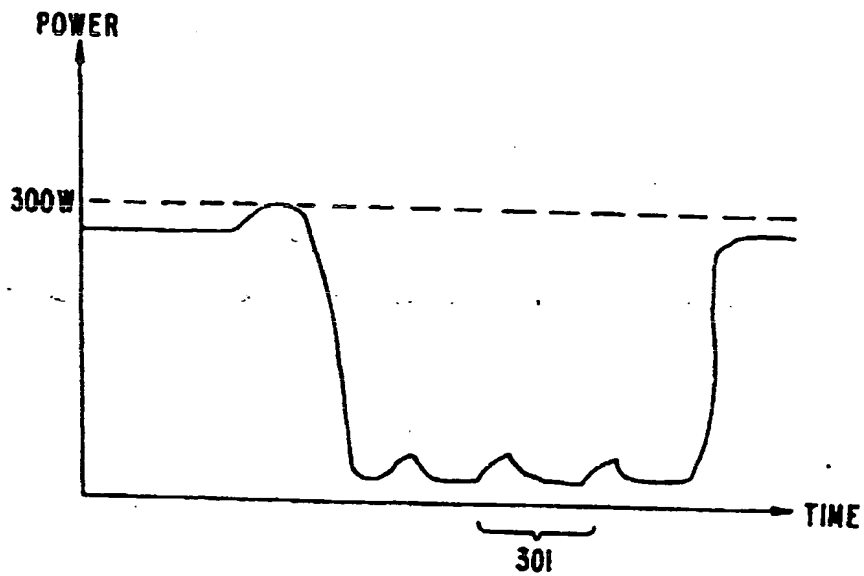


FIG. 14.

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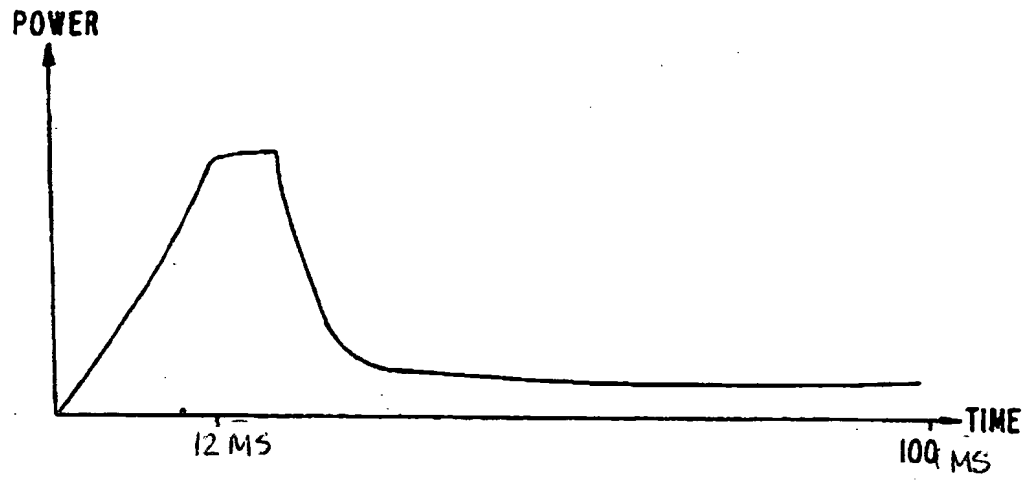


FIG. 15.

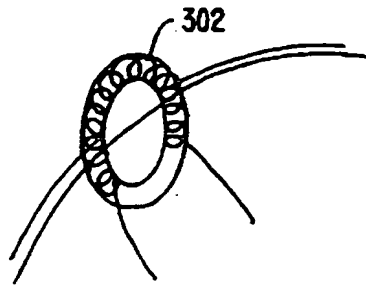


FIG. 16A.

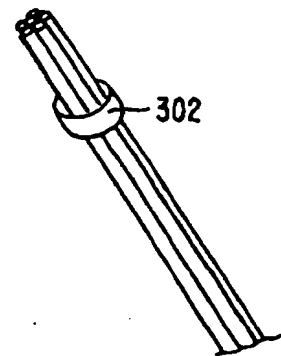


FIG. 16C.

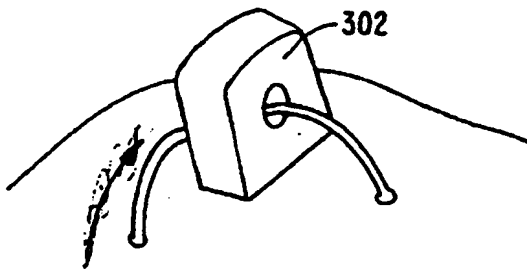


FIG. 16B.

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P/O SECONDARY ISOLATION

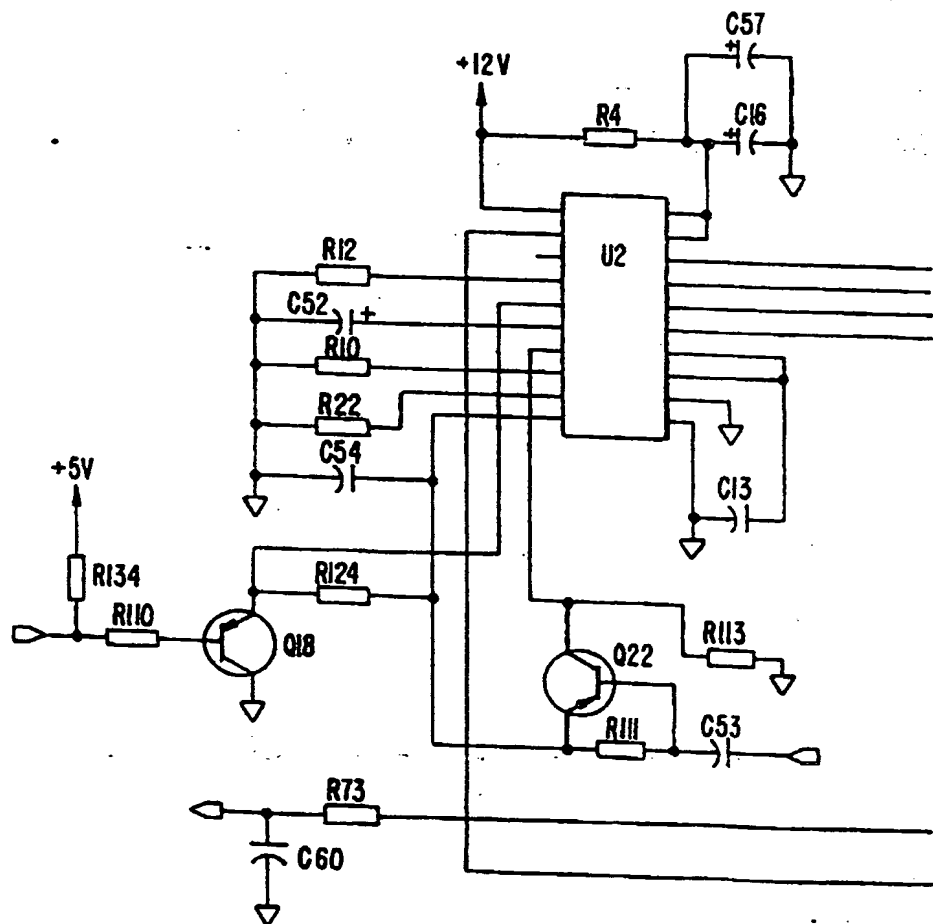


FIG. 17A.

FIG. 17A.	FIG. 17B.	FIG. 17C.
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FIG. 17.



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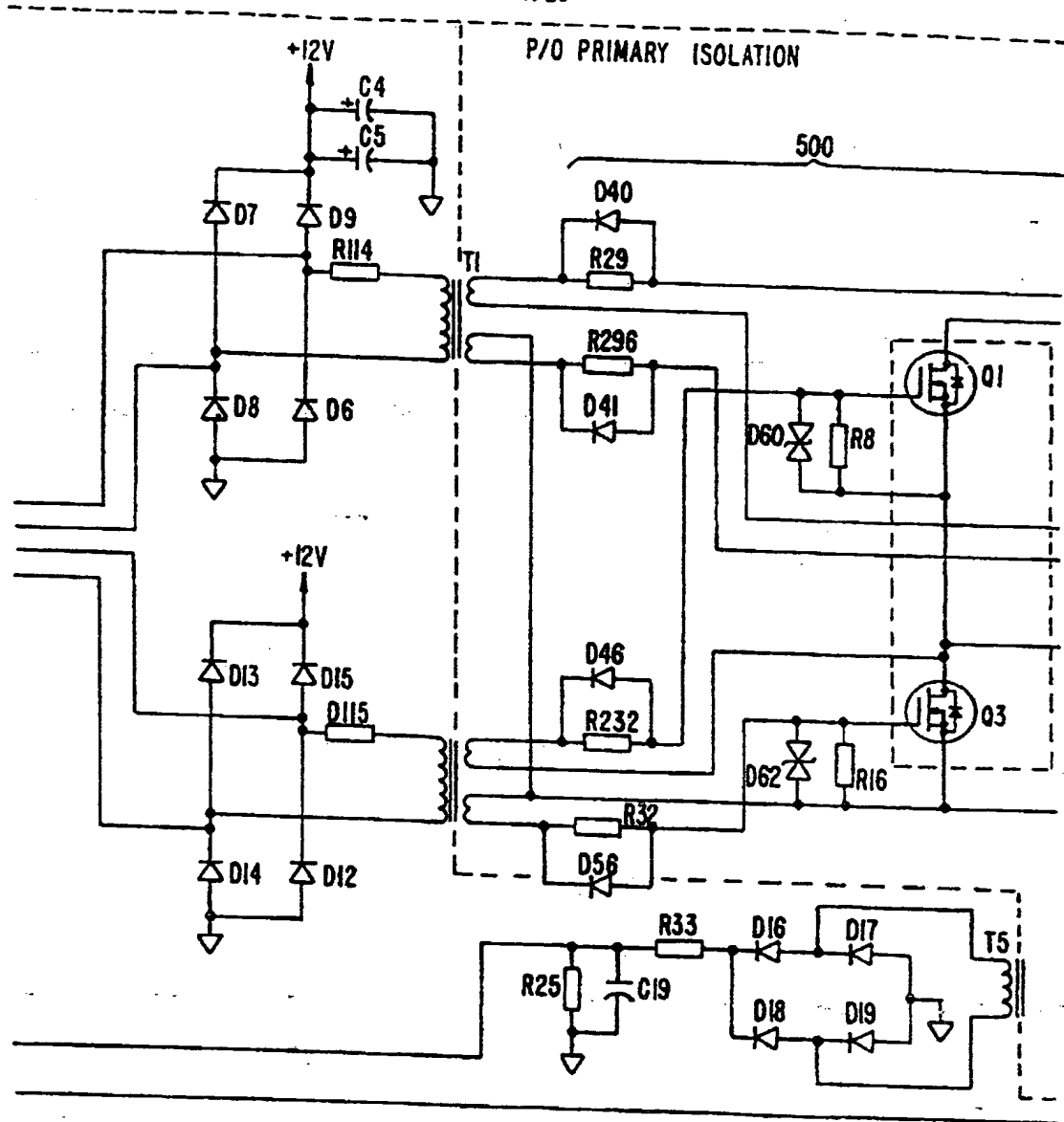
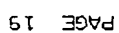


FIG. 17B.

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**FIG. 17C.**

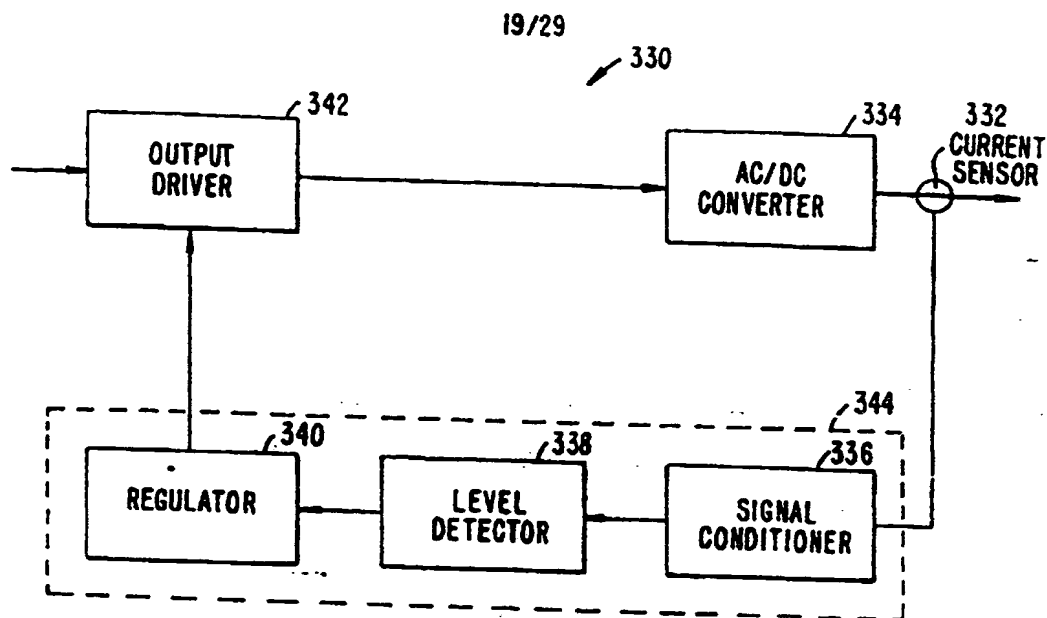


FIG. 18.

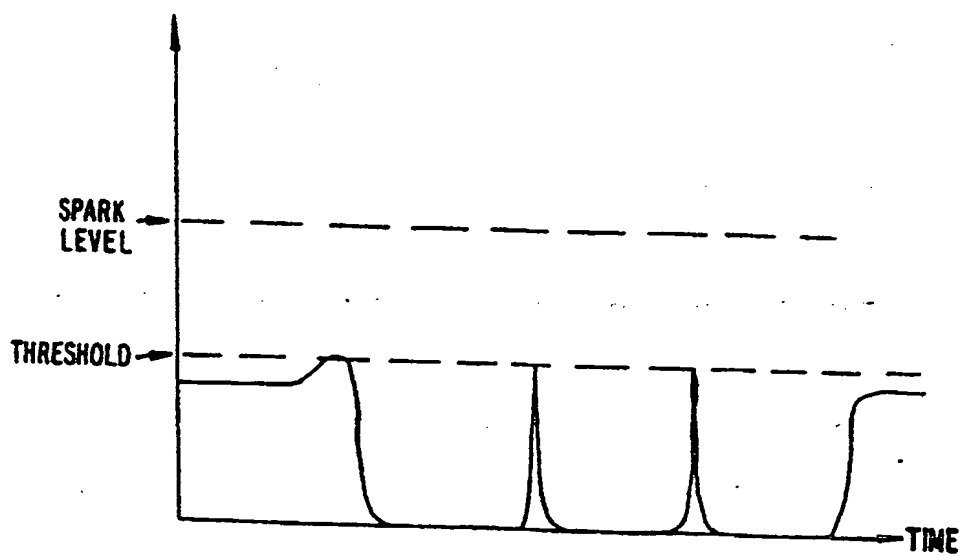


FIG. 19.

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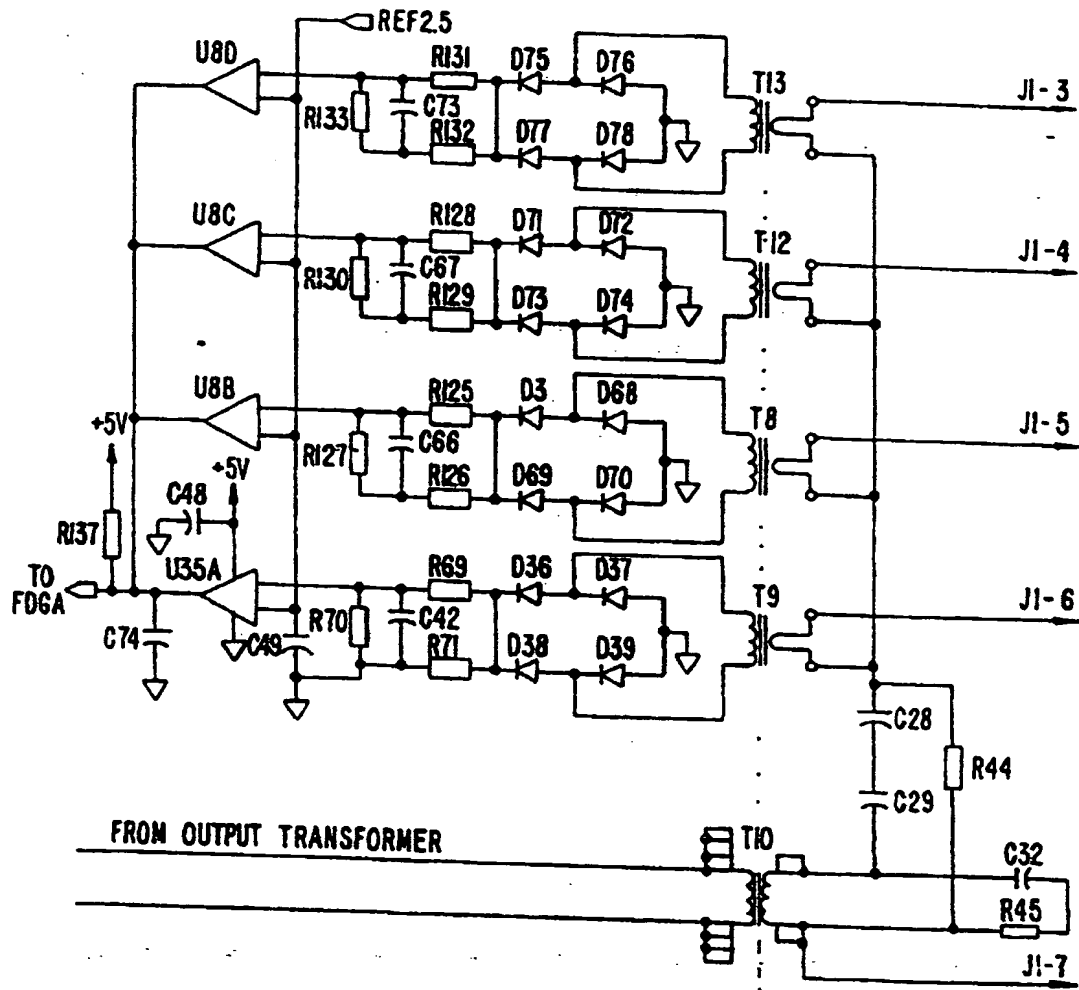


FIG. 20.

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FIG. 21 is a block diagram of a power supply system 300. The system 300 includes a P/O PRIMARY ISOLATION block, a POWER LIMITING block, a SPARK LIMITING block, and a PATIENT ISOLATION block. The POWER LIMITING block is connected to a DC/DC converter 304. The SPARK LIMITING block is connected to an AC/AC converter 334. The system 300 is shown with dashed lines indicating isolation boundaries.

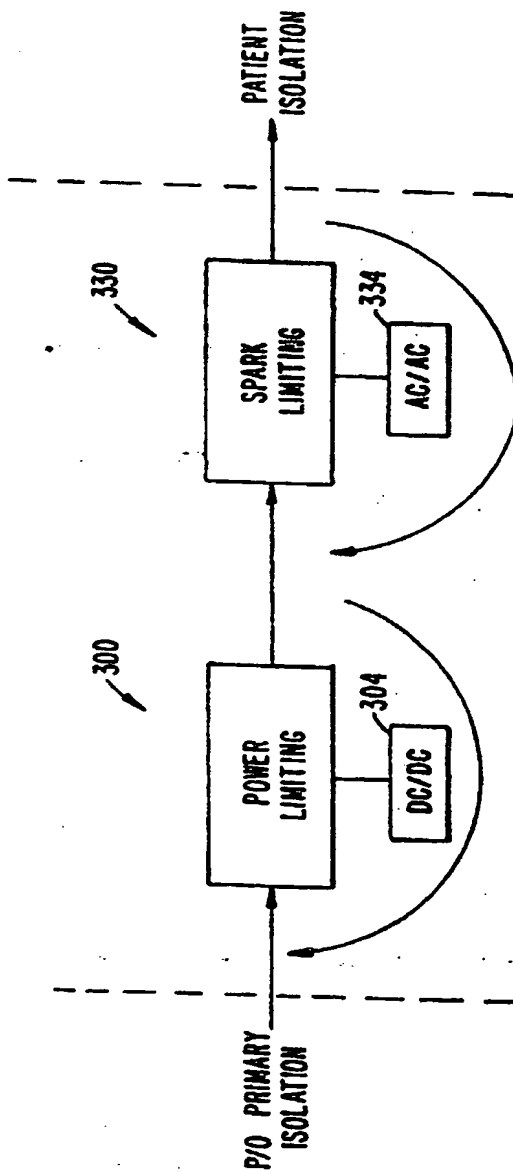


FIG. 21.

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P/O SECONDARY ISOLATION

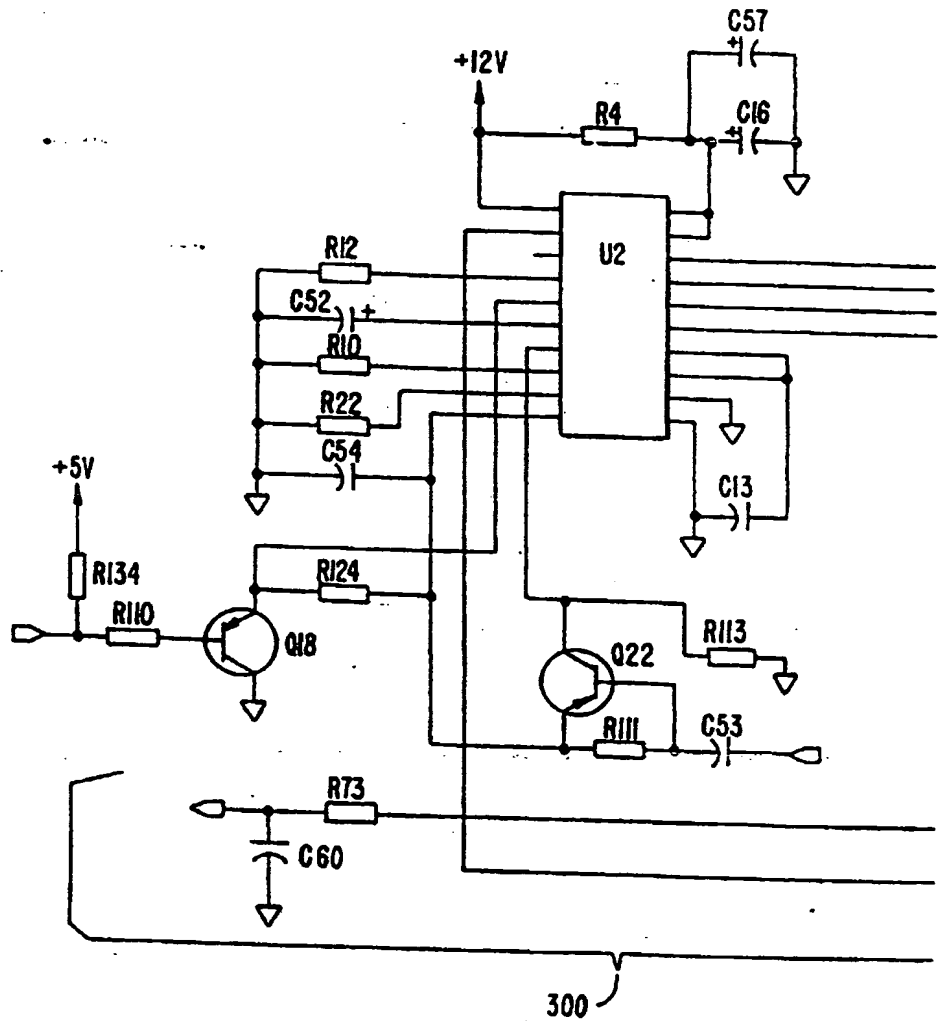


FIG. 22A.

SUBSTITUTE SHEET

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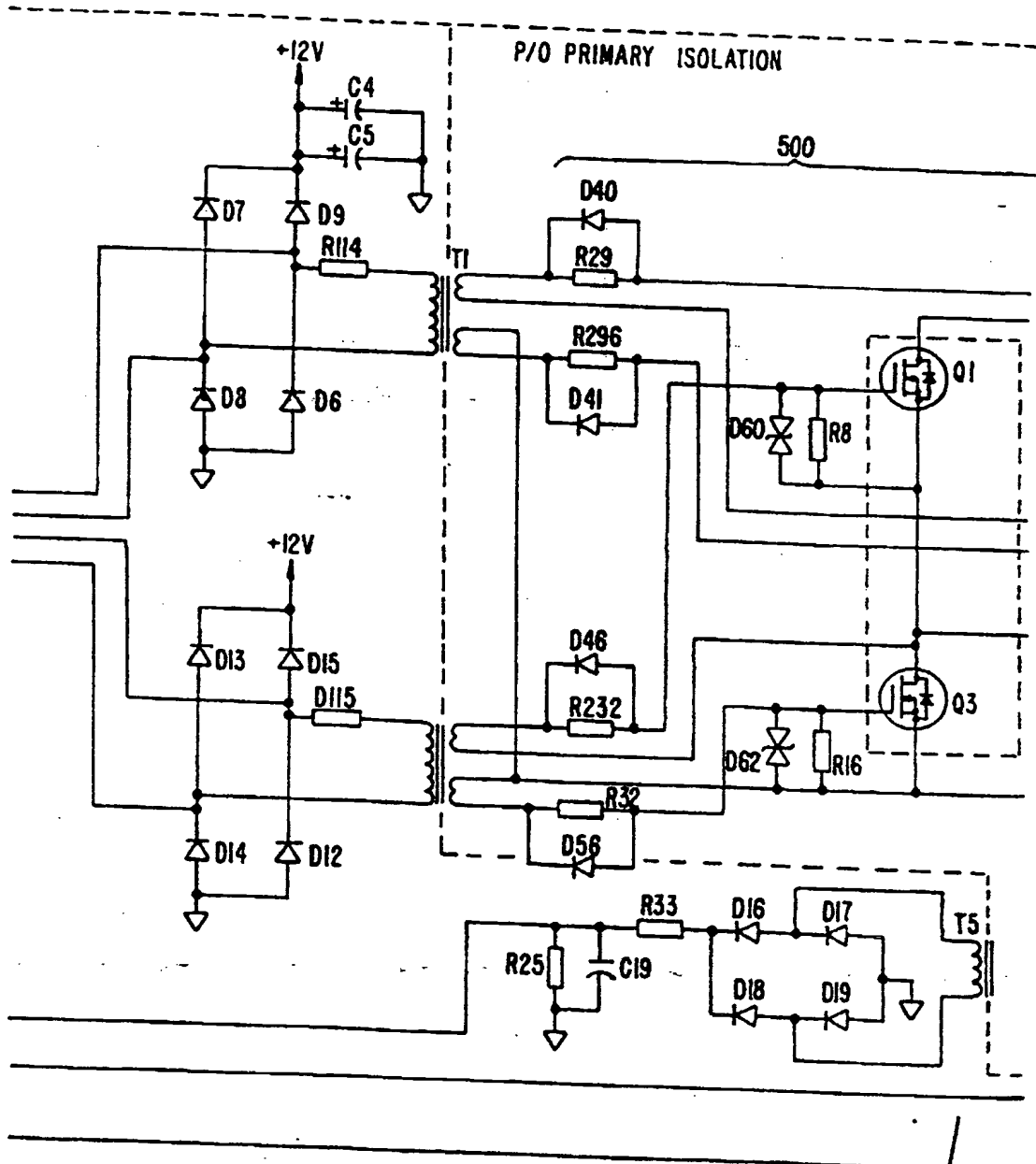


FIG. 22B.

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P/O SECONDARY ISOLATION

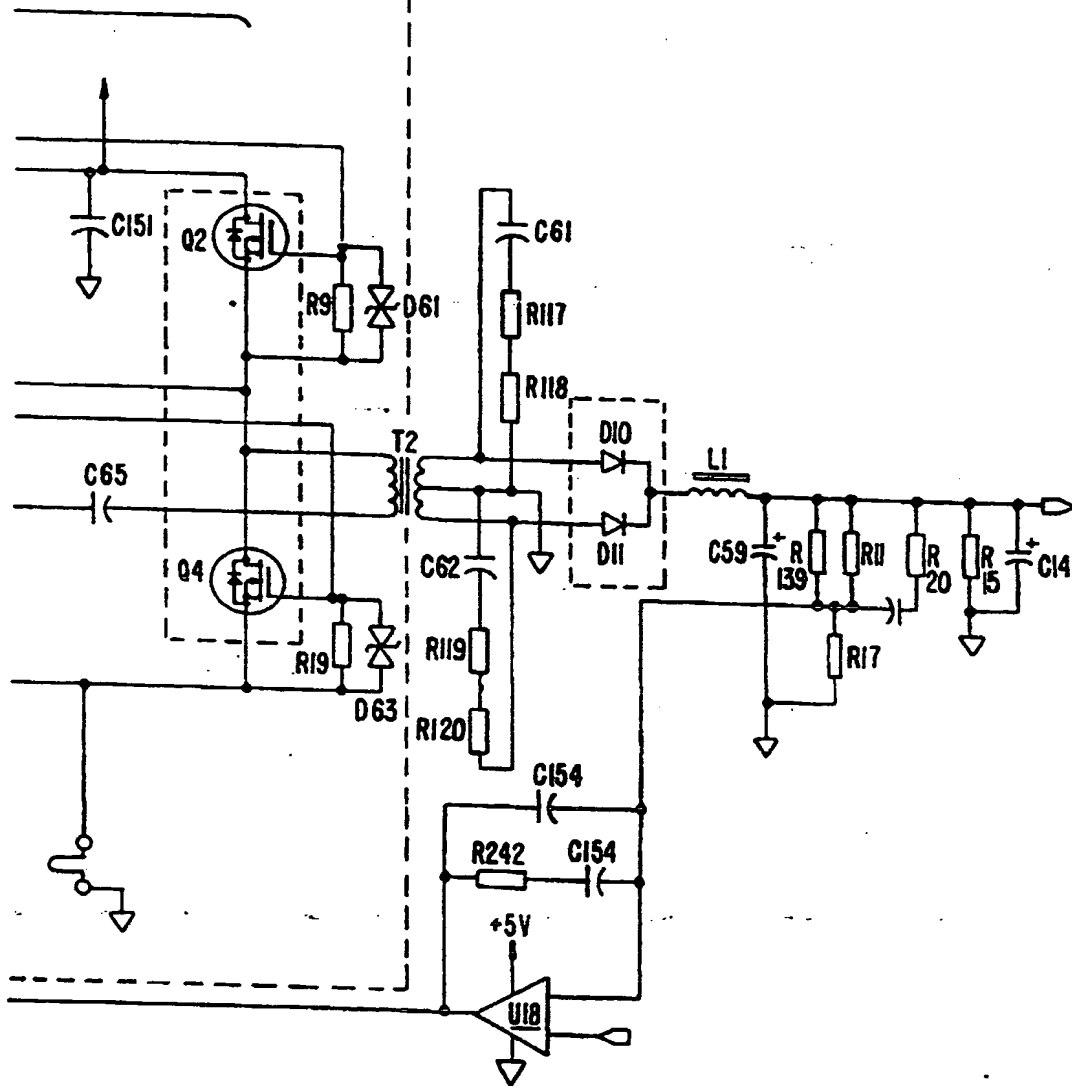


FIG 22C.

SUBSTITUTE SHEET (RULE 26)



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PATIENT ISOLATION

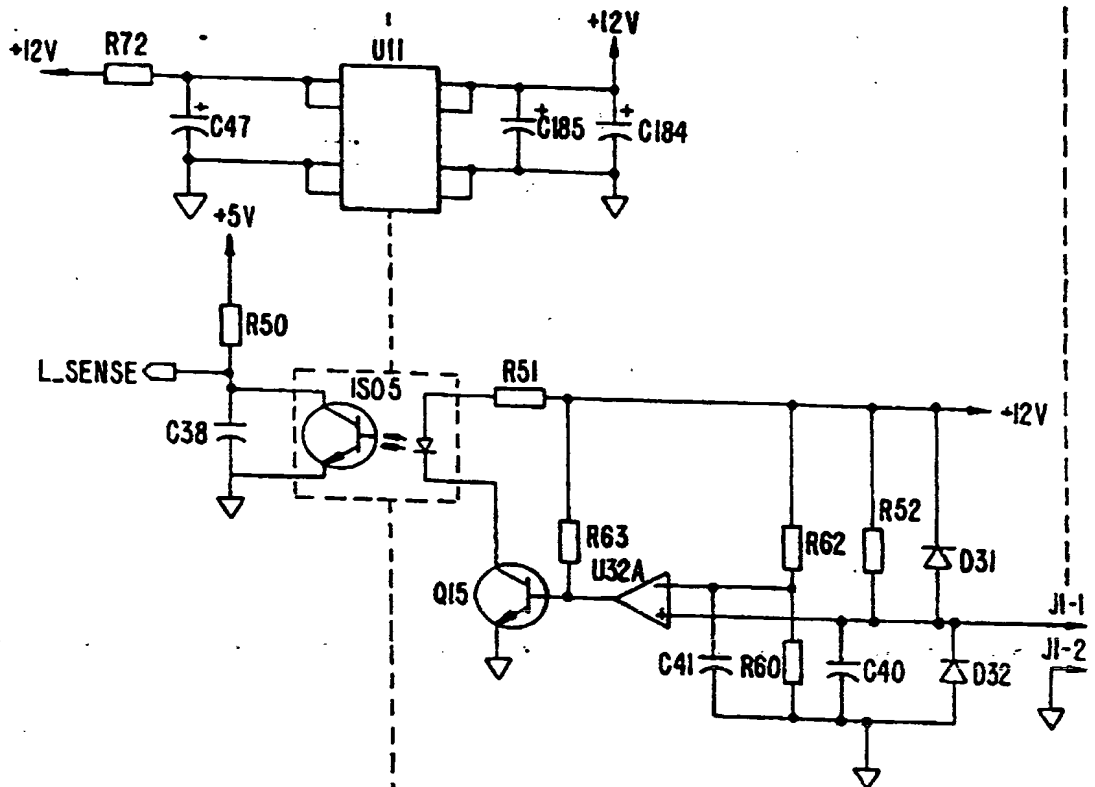


FIG. 22D.

SHIBETITE PAPER

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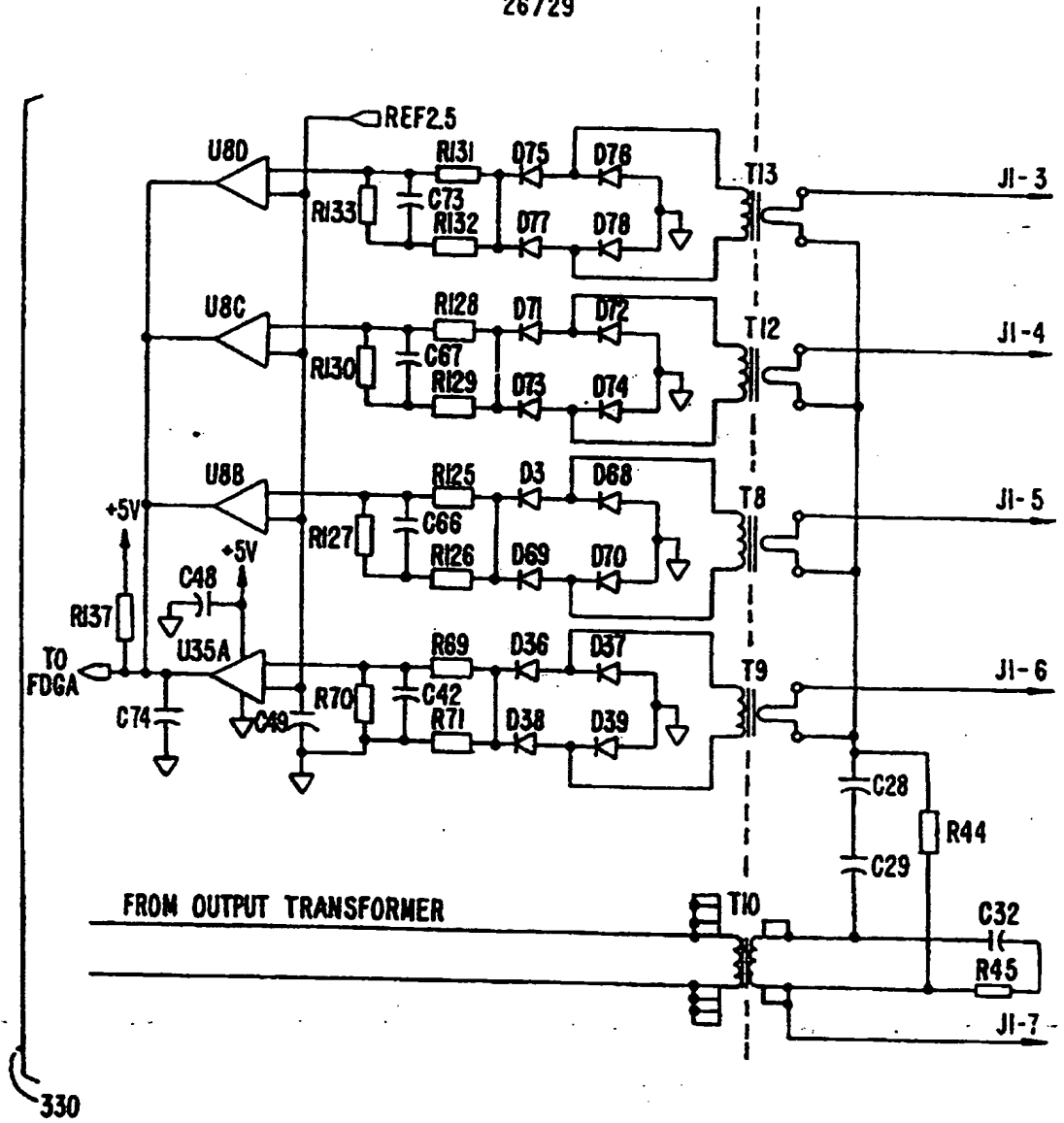


FIG. 22E.

FIG. 22A.	FIG. 22B.	FIG. 22C.	FIG. 22D.
			FIG. 22E.

FIG. 22.

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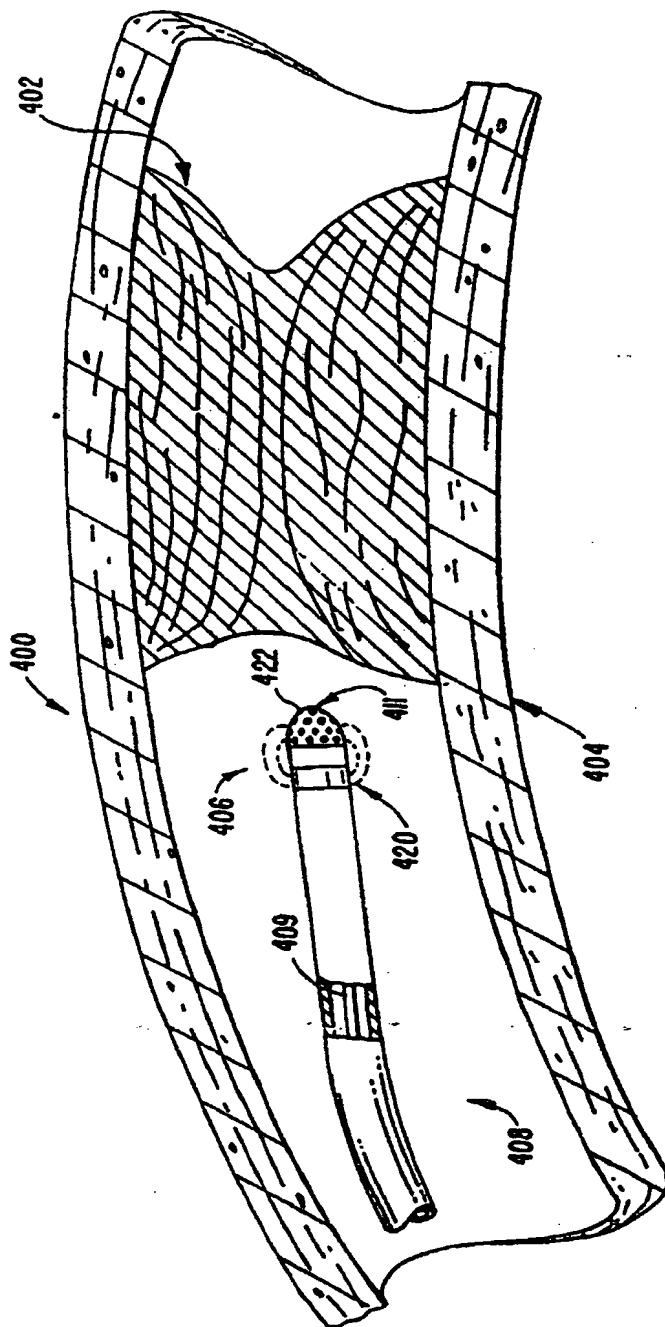


FIG. 23.

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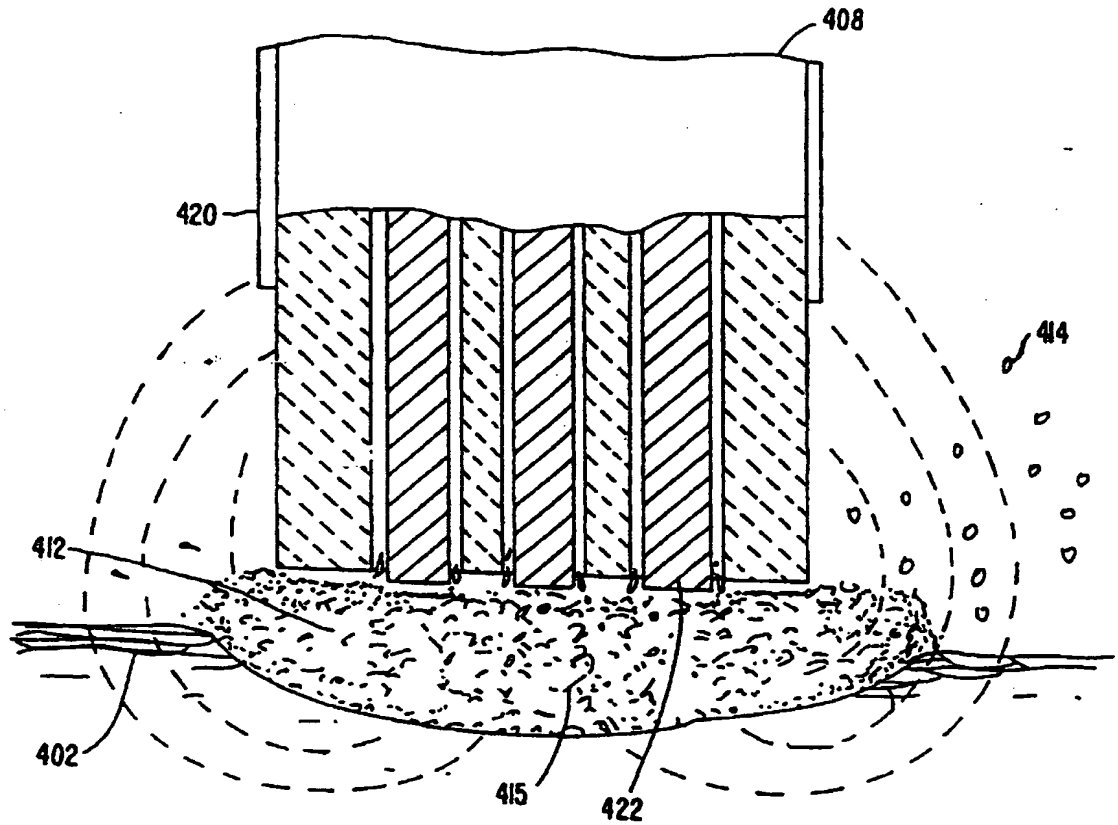


FIG. 24A.

FIG. 24A

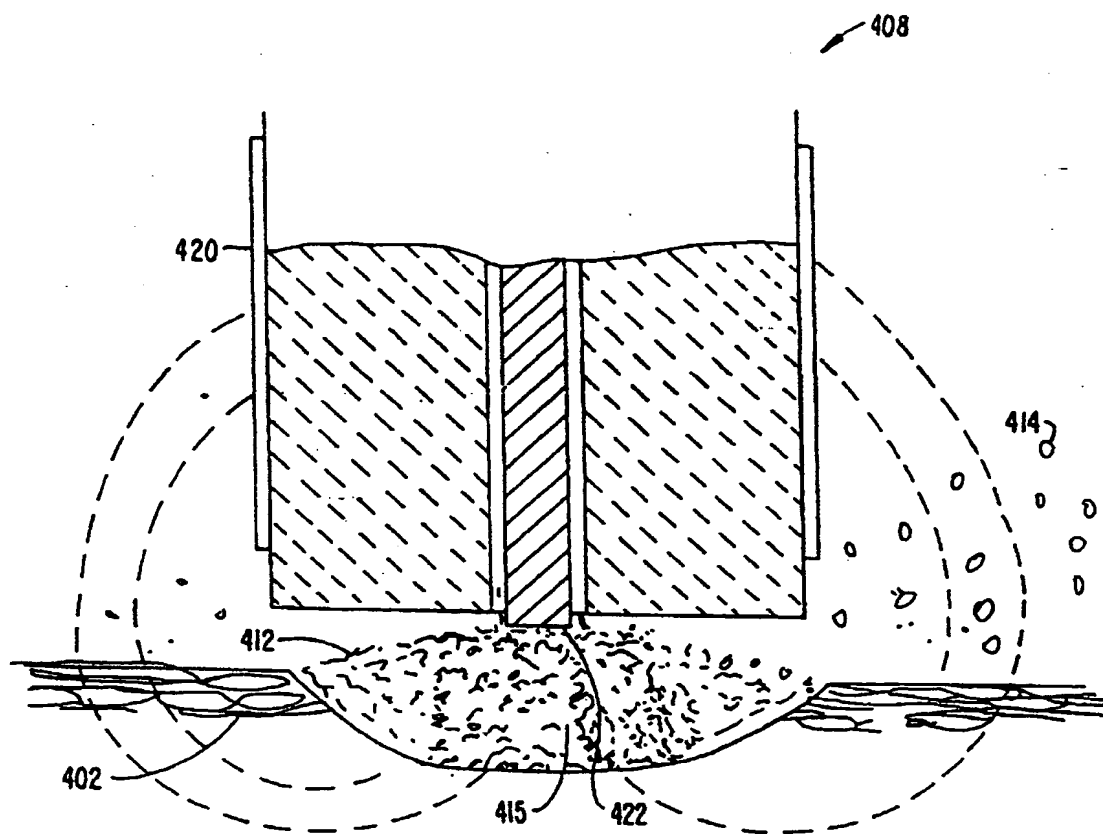


FIG. 24B.

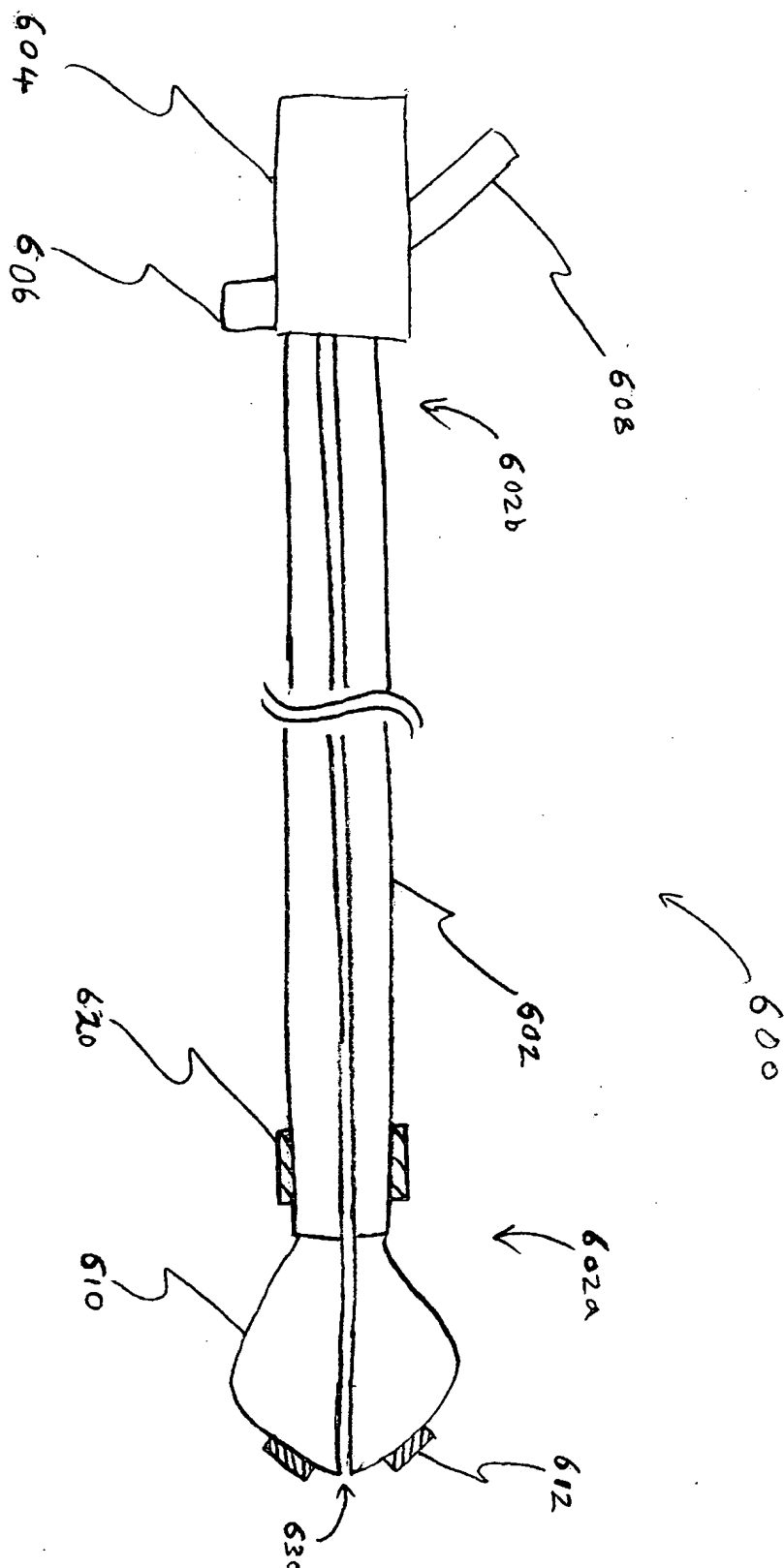


FIG. 25

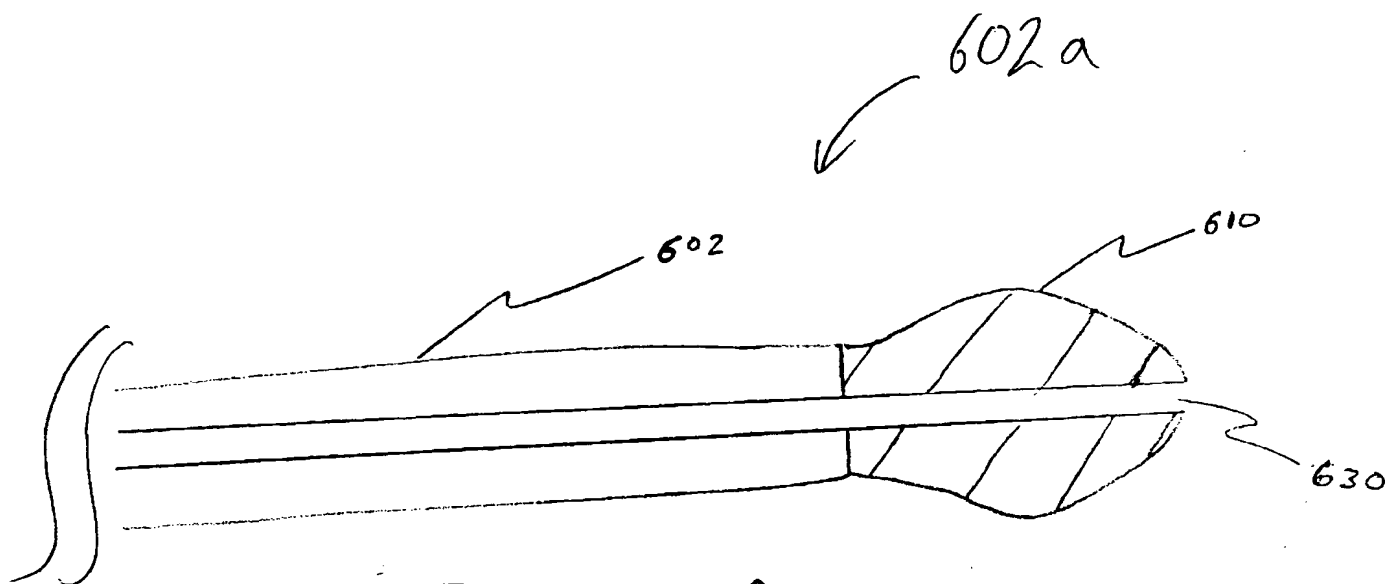


FIG. 26A

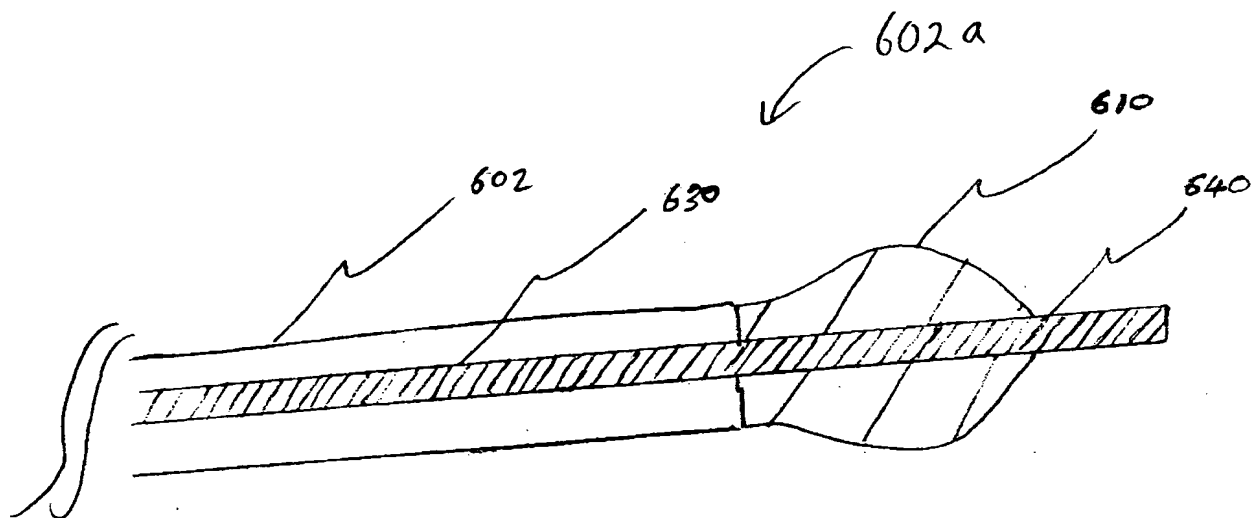


FIG. 26B

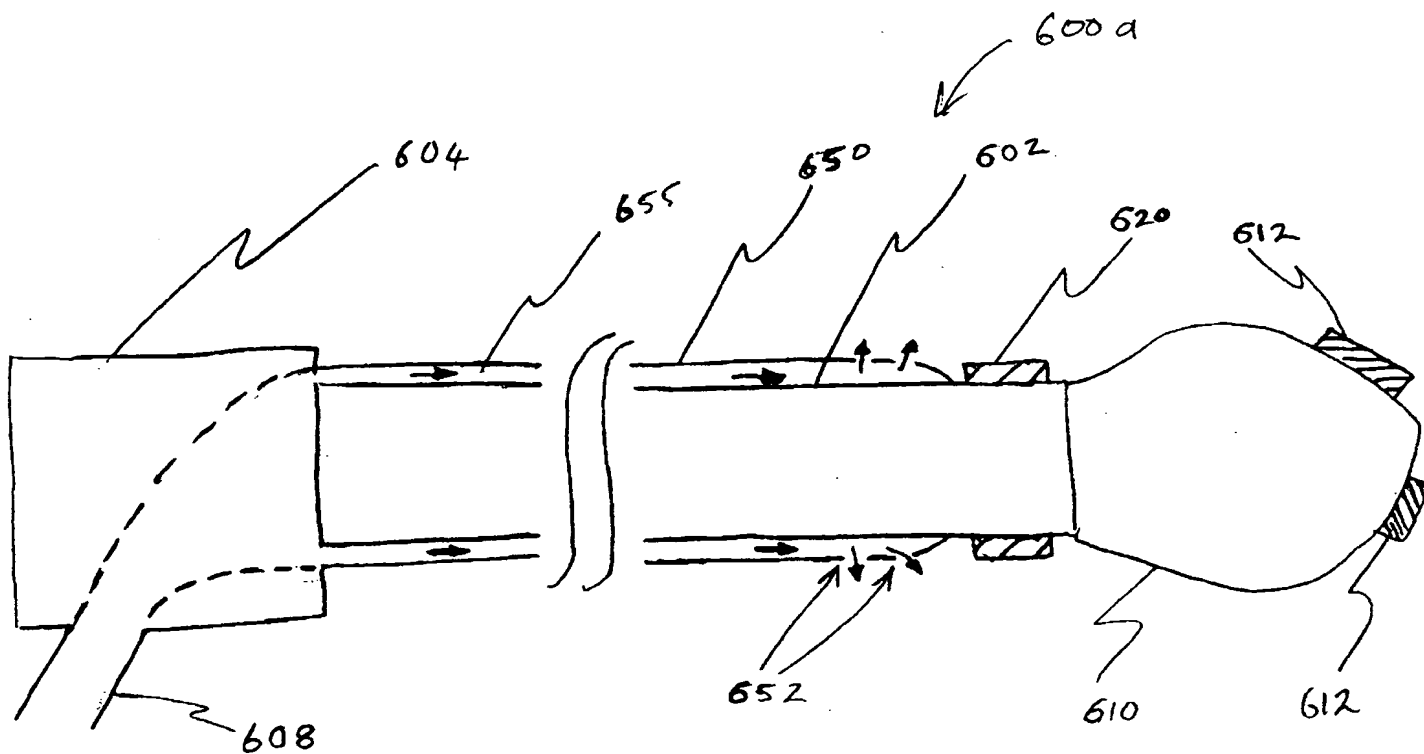


FIG. 27



FIG. 28A and FIG. 28B are schematic diagrams of a system for measuring the length of a cable or wire. FIG. 28A shows a cable 600a with a sensor 602 and a control unit 605. FIG. 28B shows a cable 600b with a sensor 602 and a control unit 605. The diagrams illustrate the measurement of the length of a cable or wire using a sensor and a control unit.

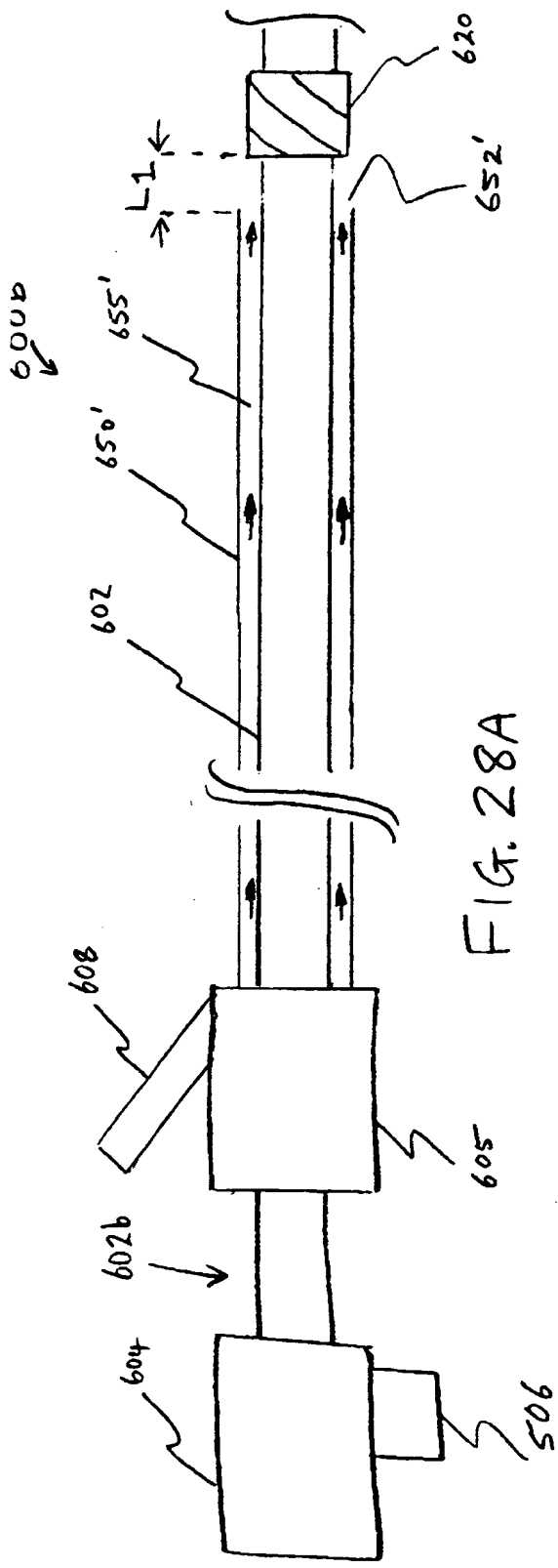


FIG. 28A

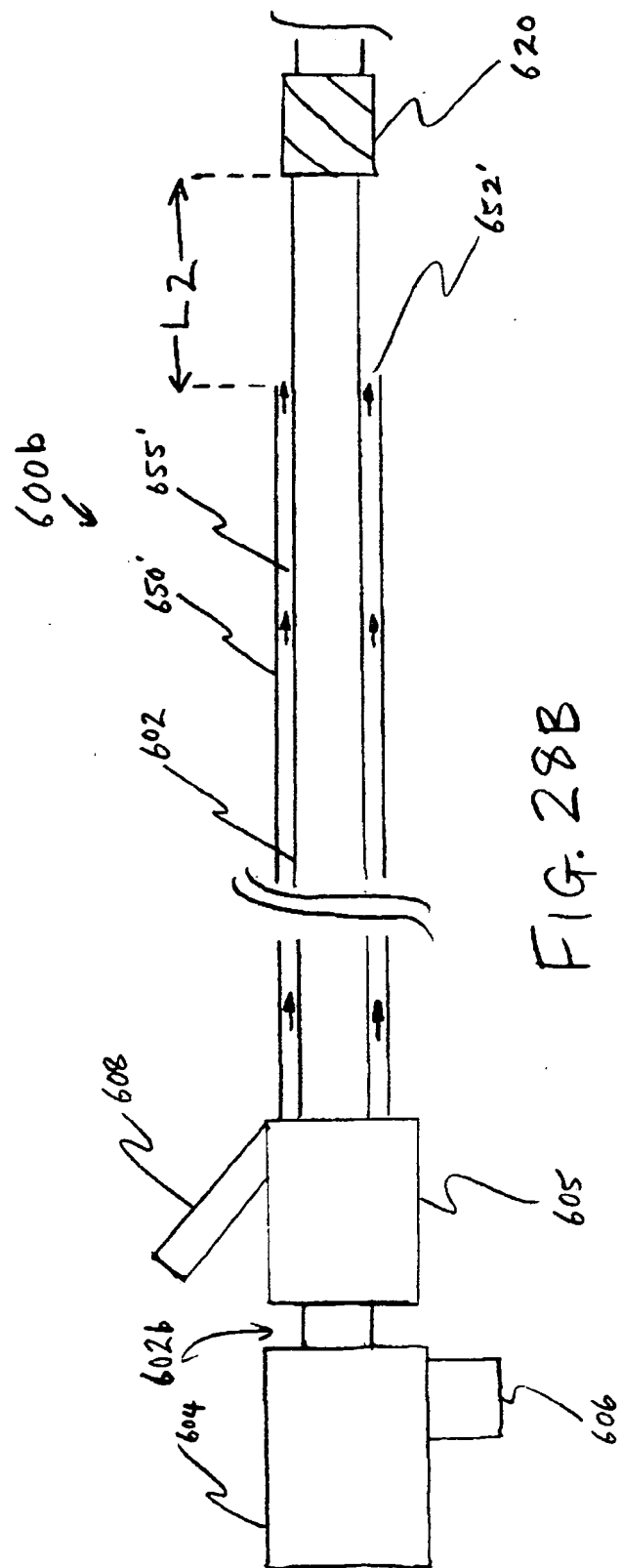


FIG. 28B

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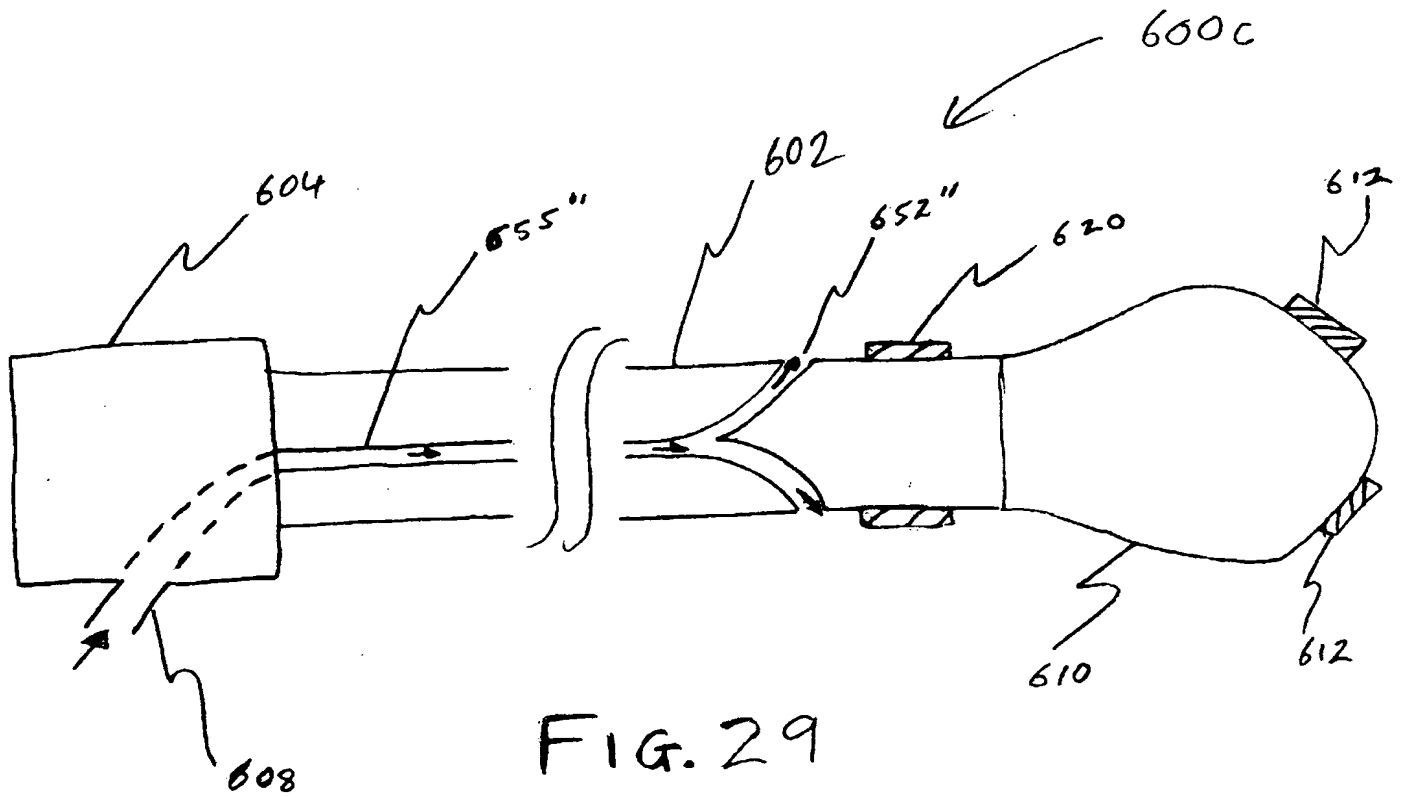
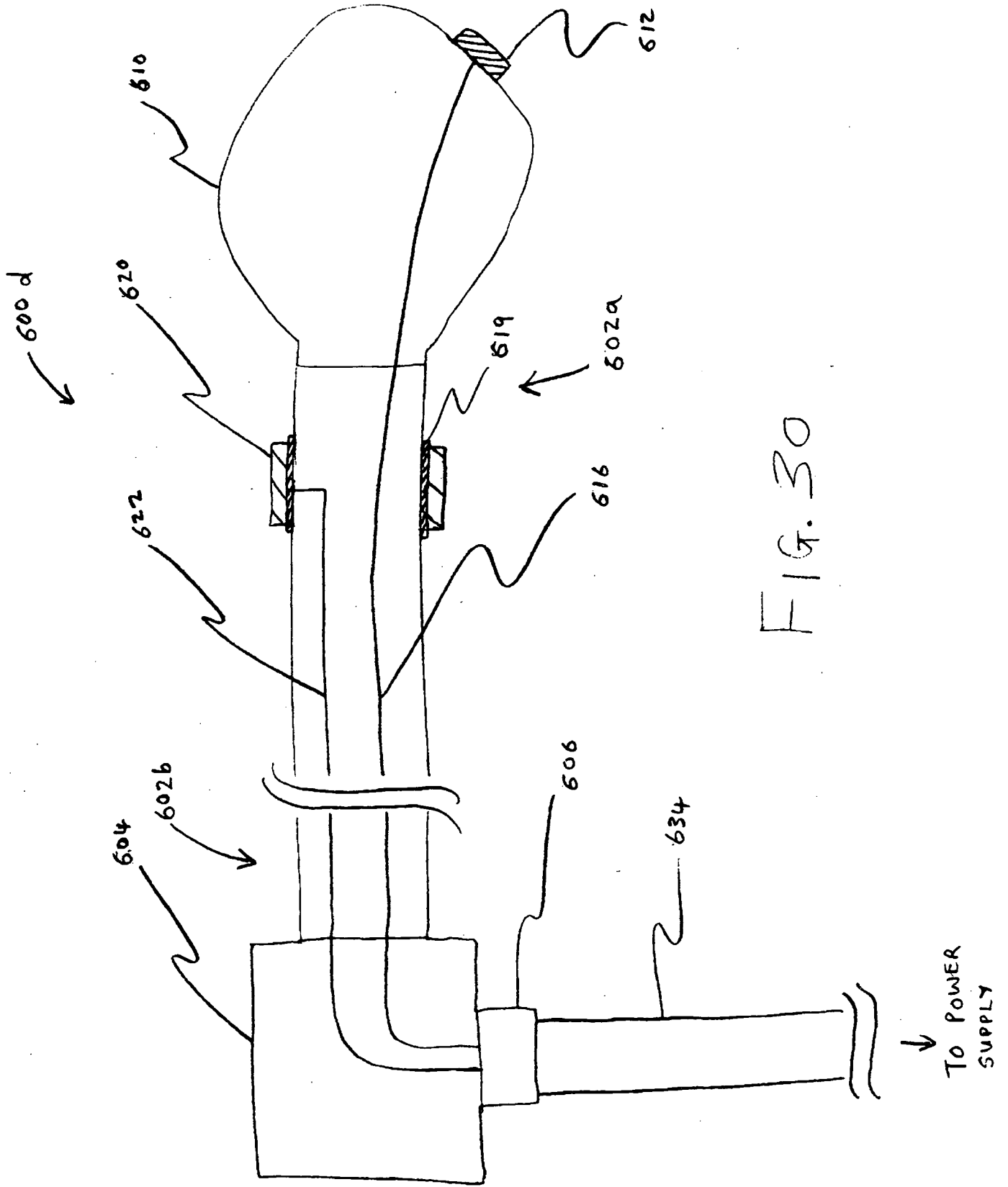


FIG. 29



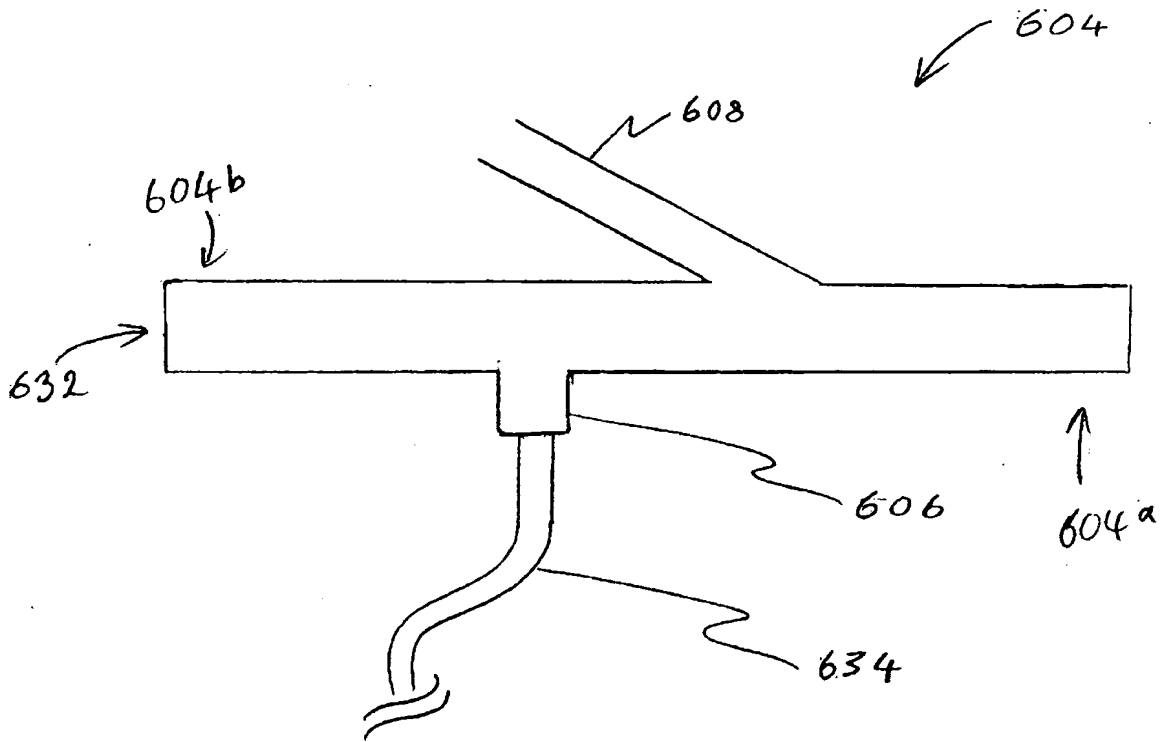


FIG. 31A

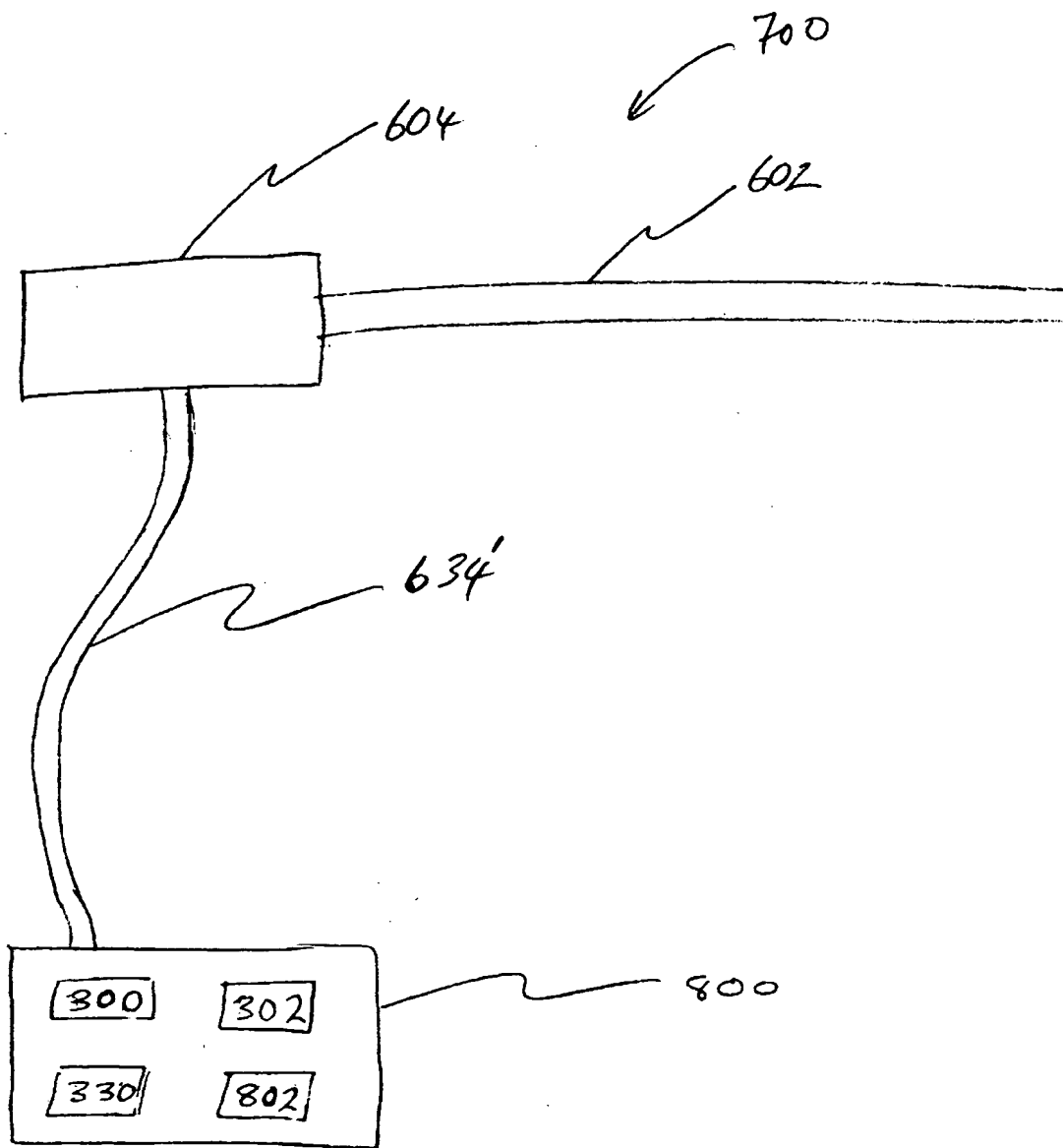


FIG. 31B

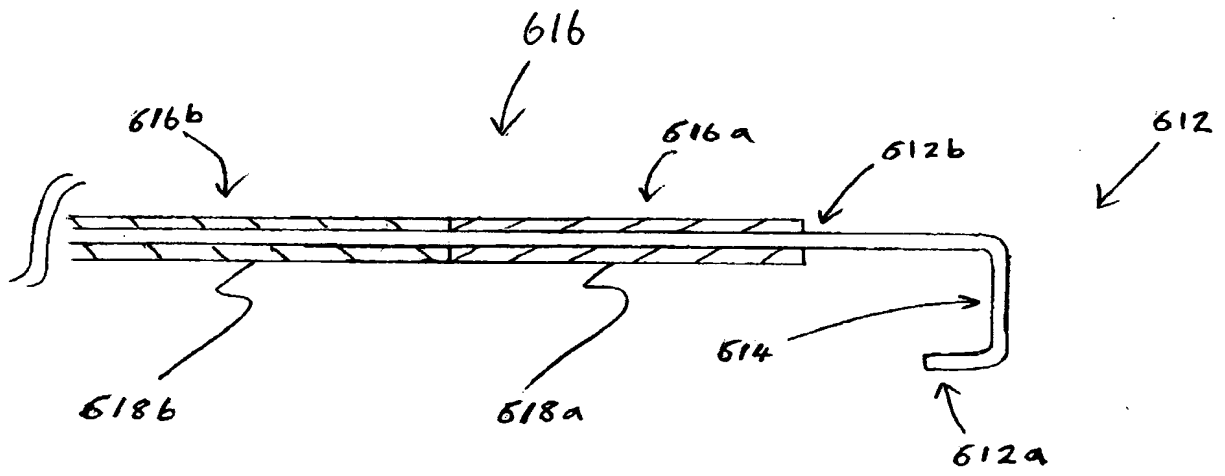


FIG. 32

C-8-2

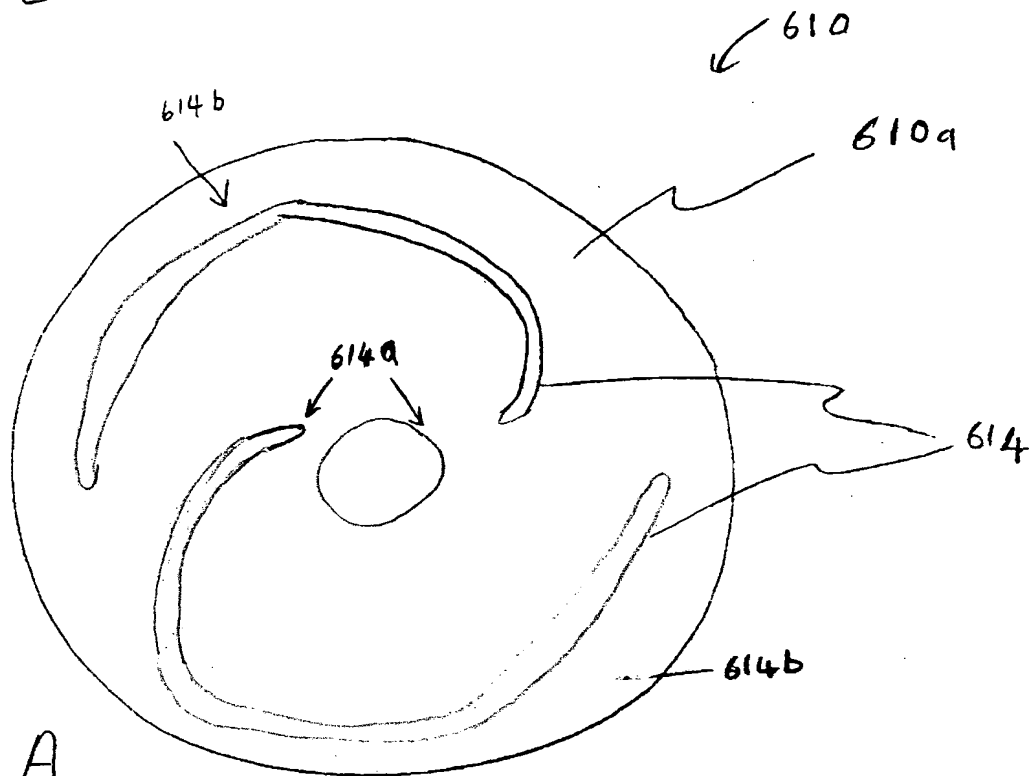


FIG. 33A

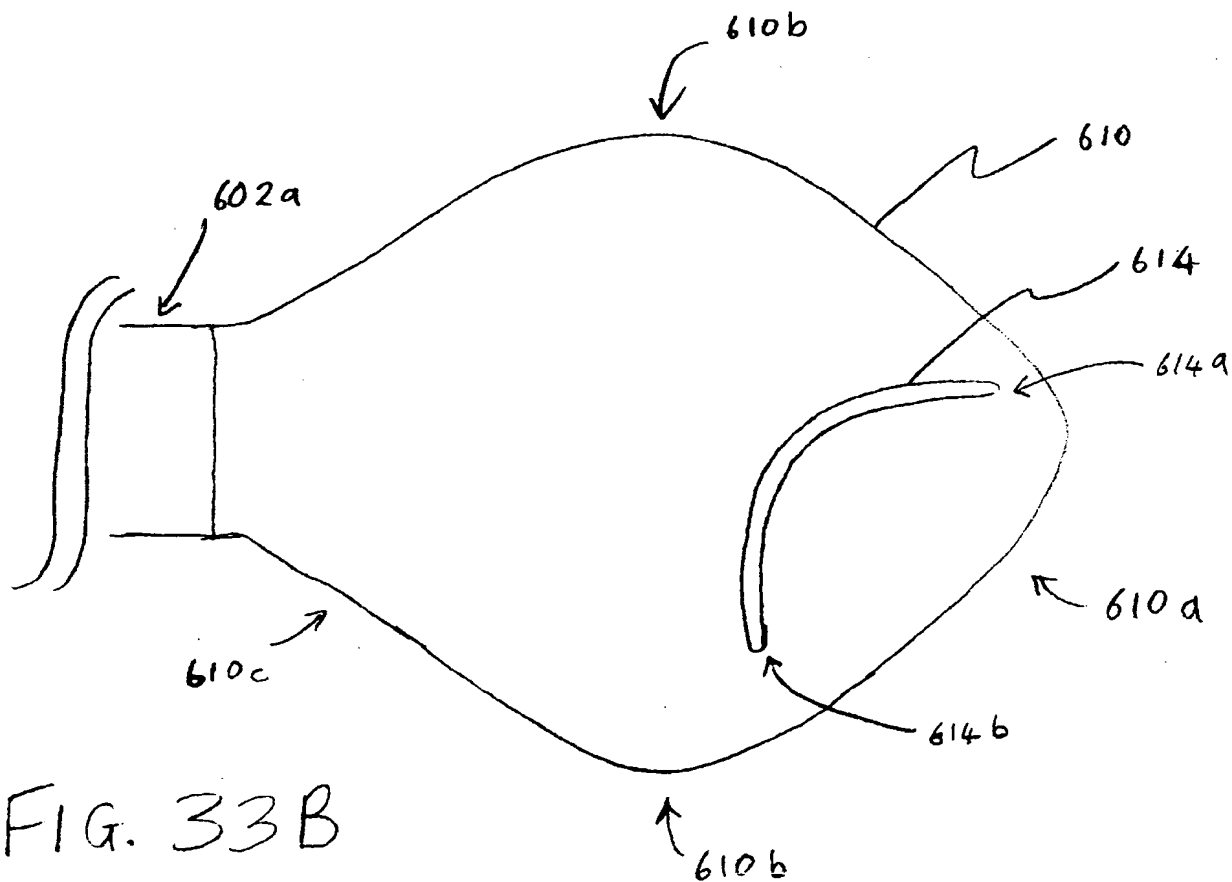


FIG. 33B

C-8-2

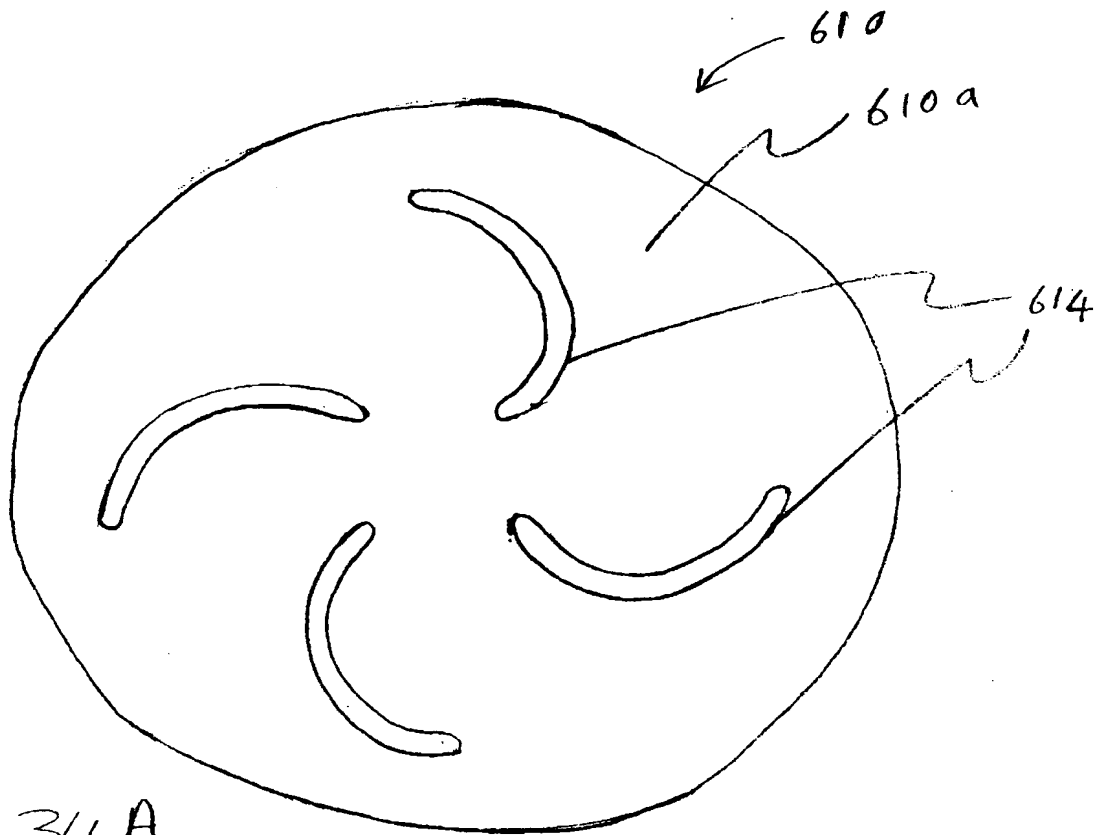


FIG. 34A

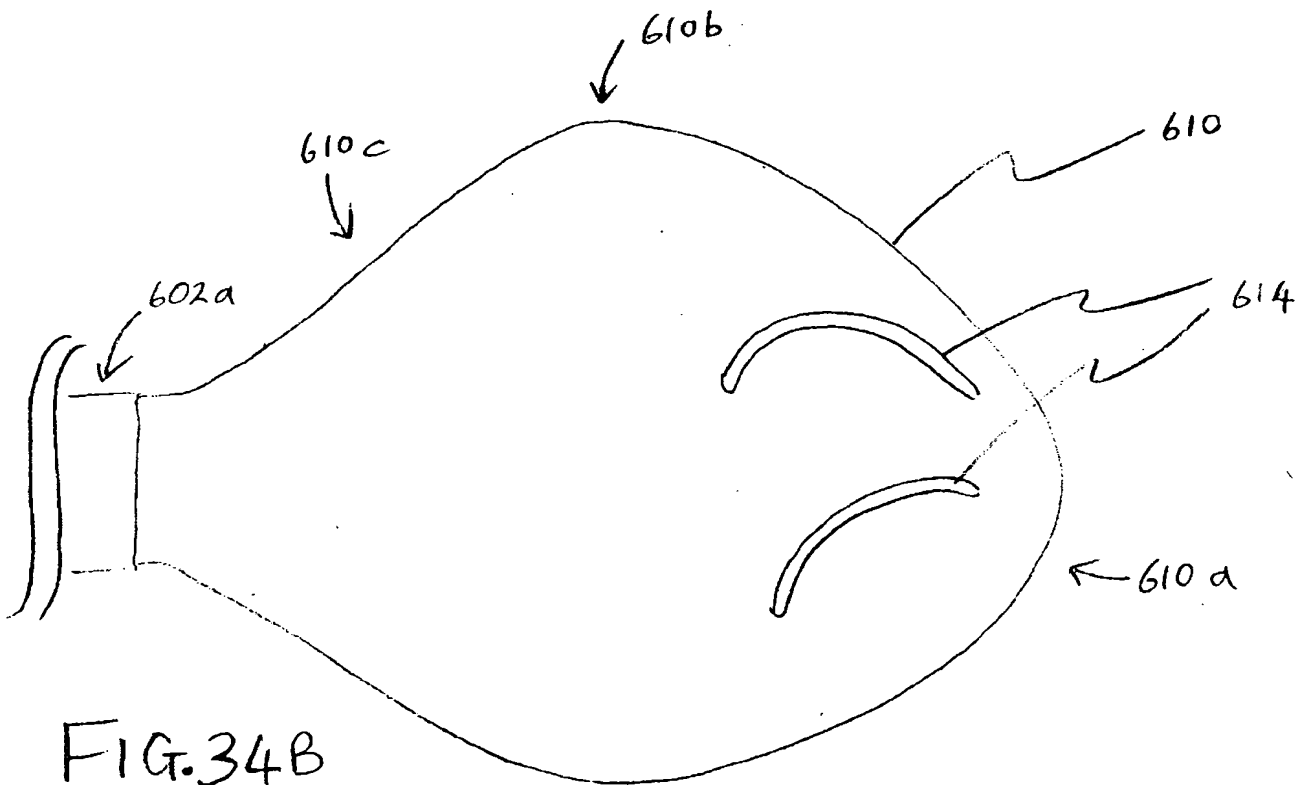


FIG. 34B



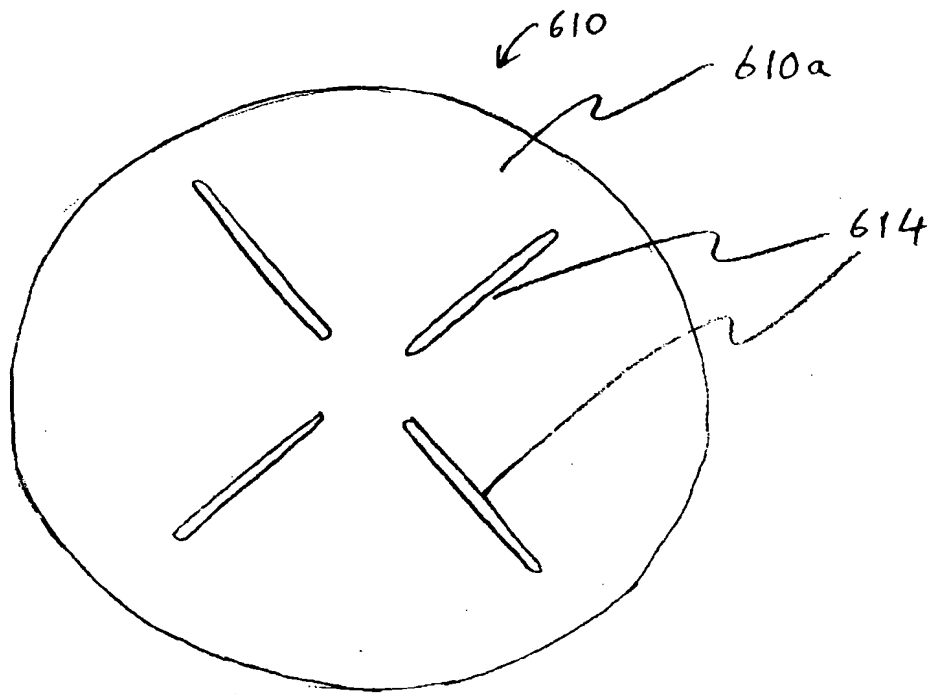


FIG. 35A

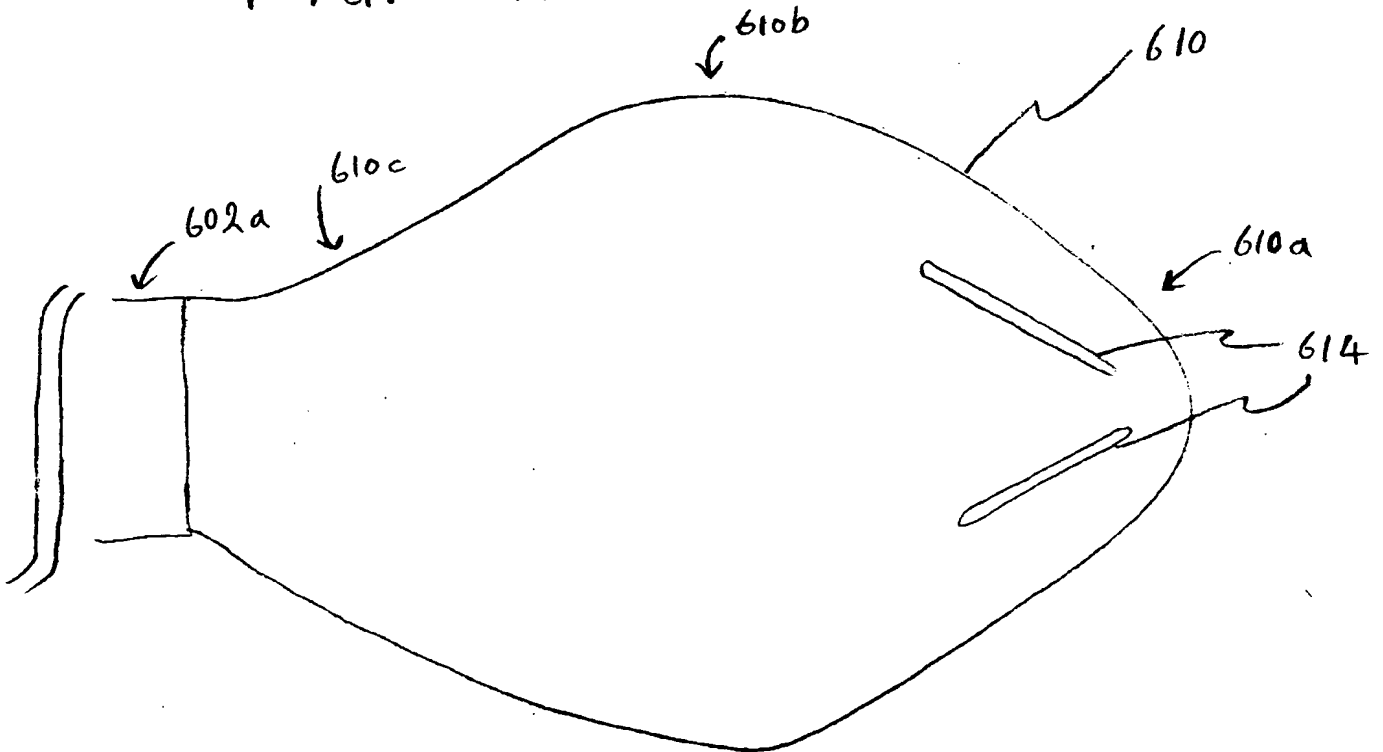


FIG. 35B

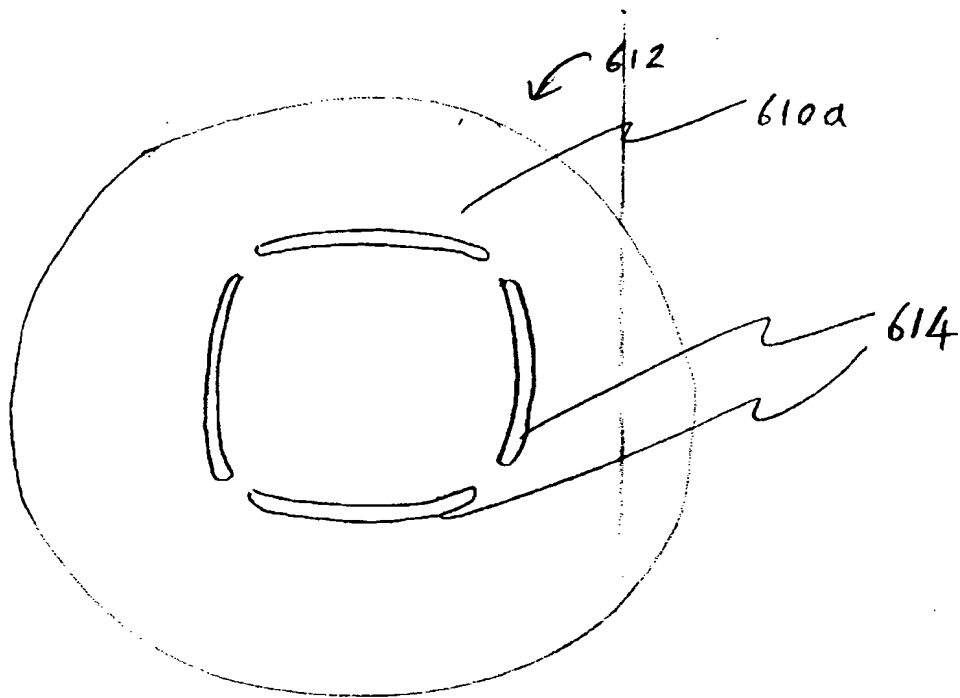


FIG. 36A

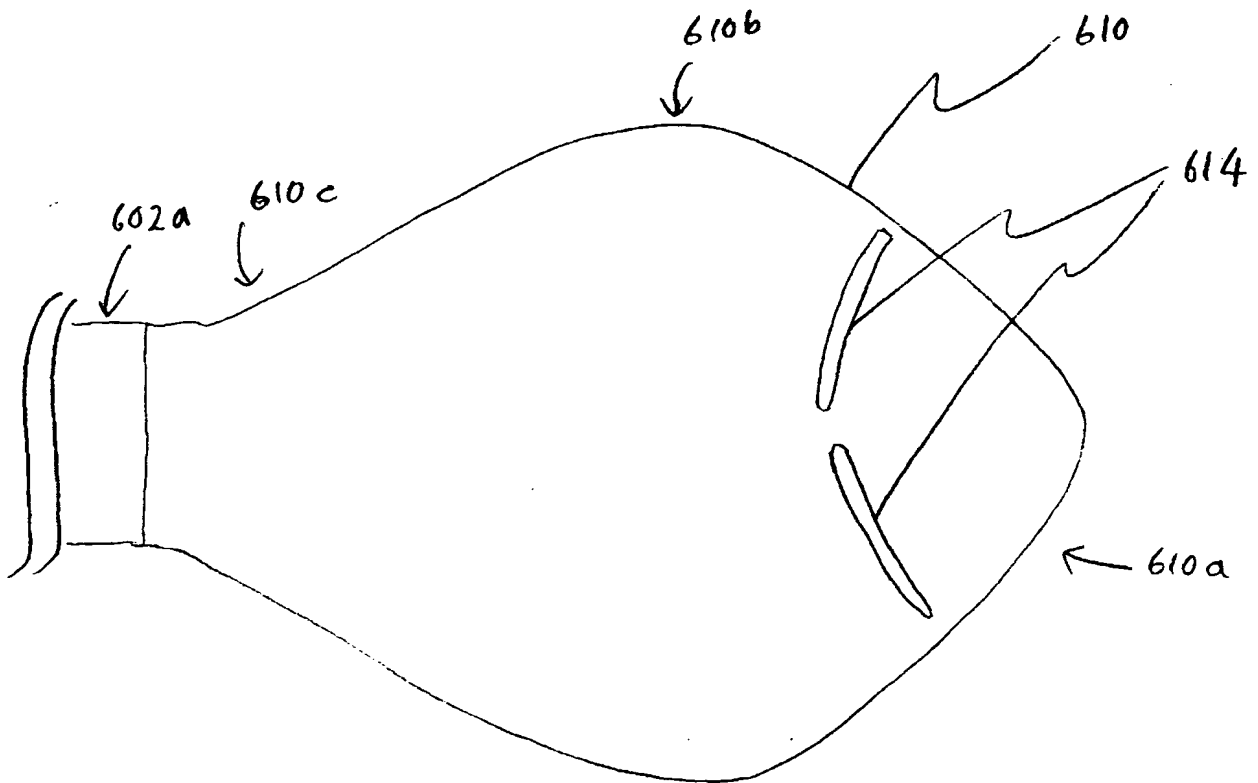


FIG. 36B

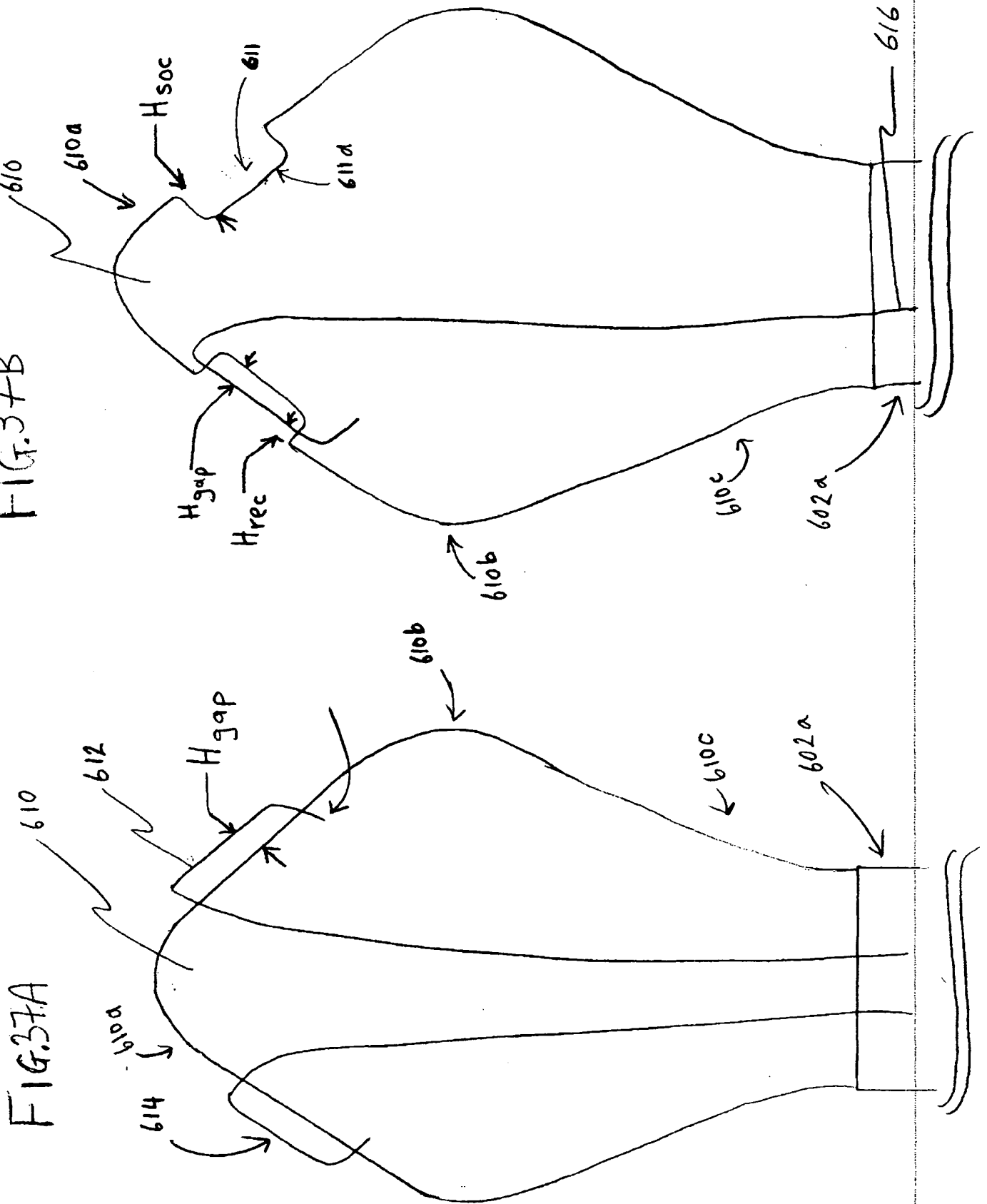


FIG. 37B

F1G.37A

[illegible]

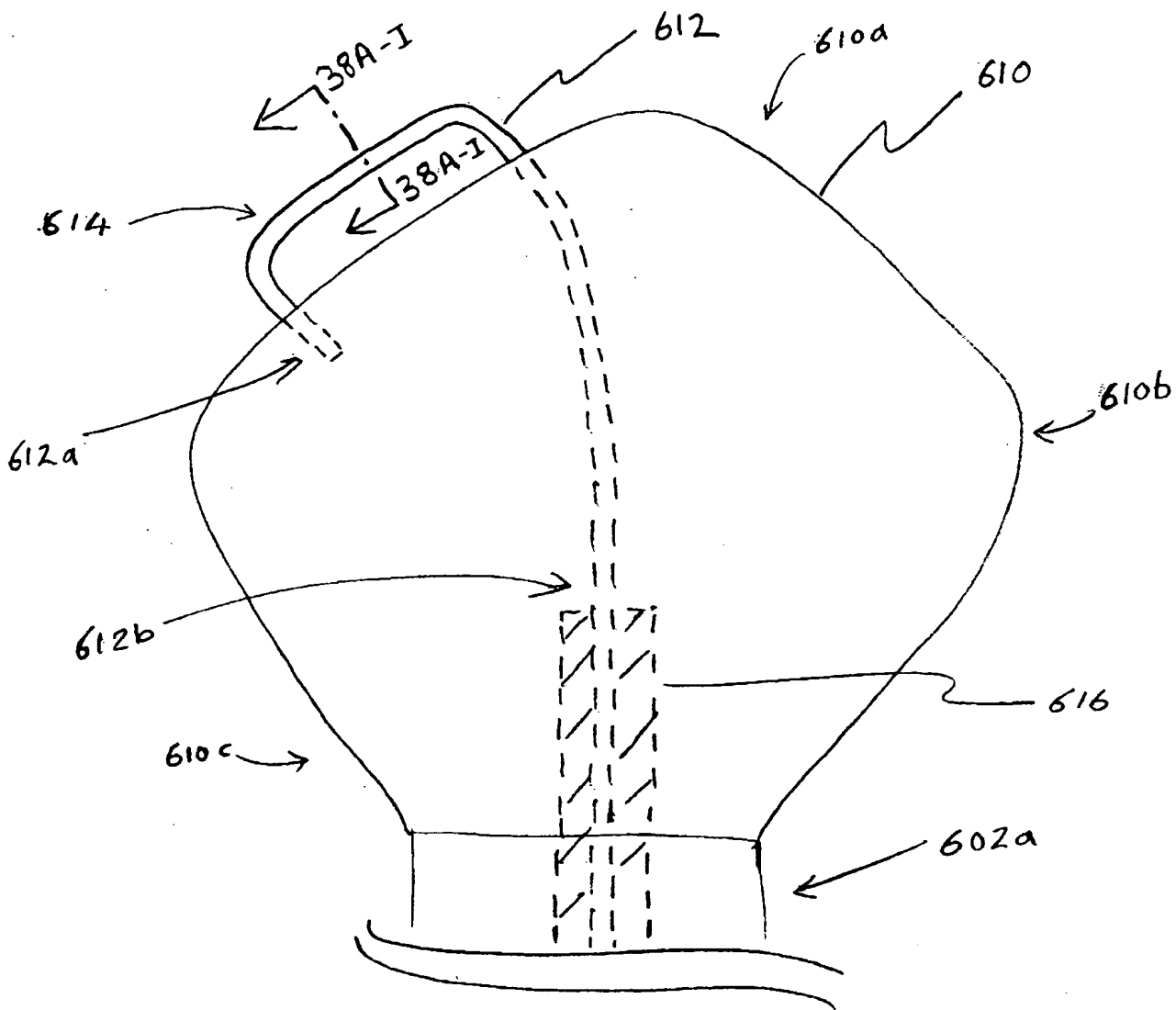


FIG. 37C

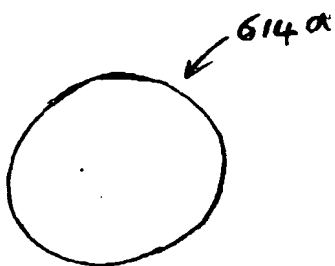


FIG. 38 A

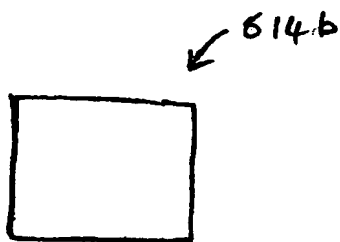


FIG. 38 B

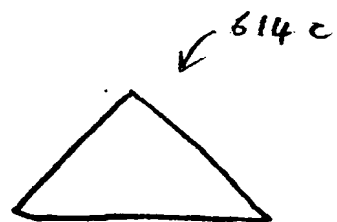


FIG. 38 C

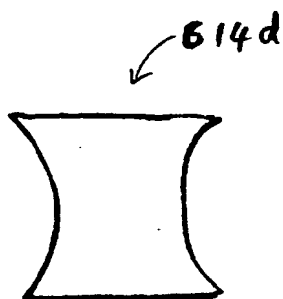


FIG. 38 D

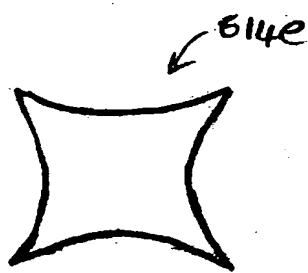


FIG. 38 E

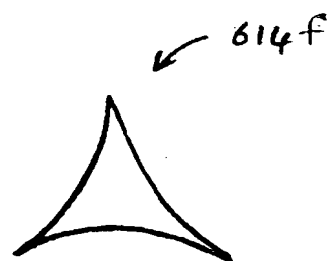


FIG. 38 F

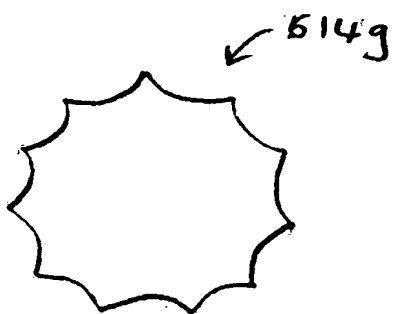


FIG. 38 G

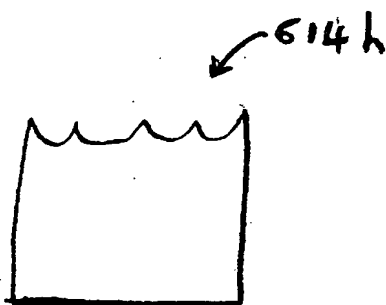


FIG. 38 H

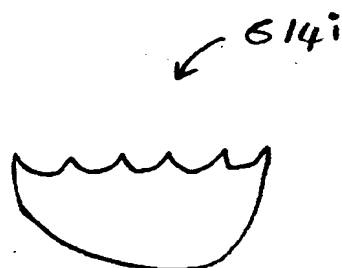


FIG. 38 I

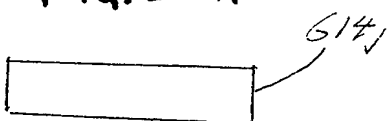
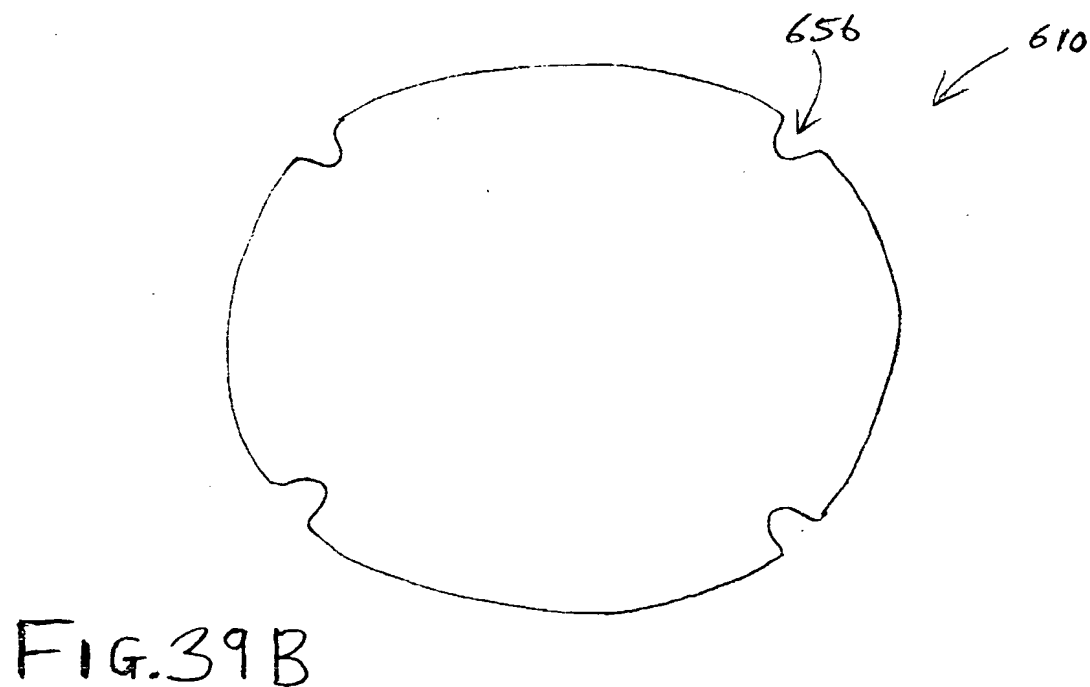
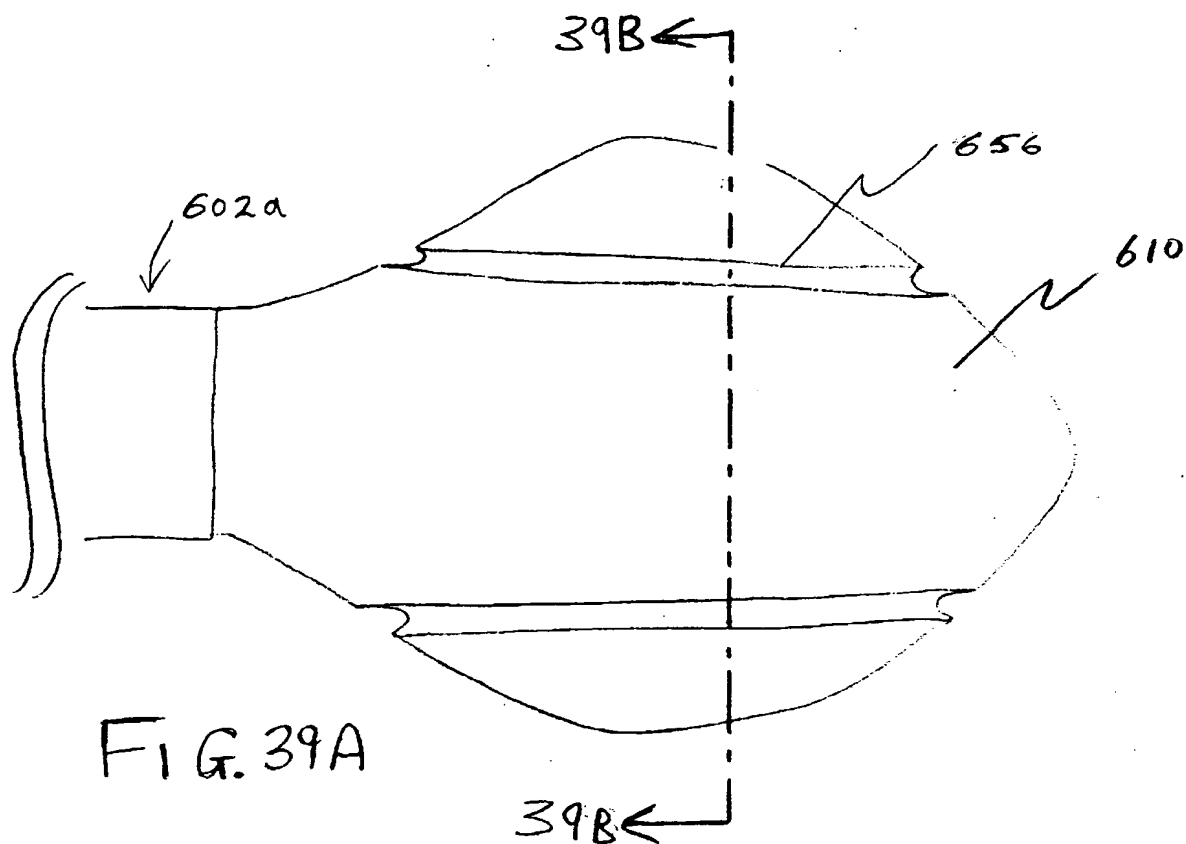


FIG. 38 J



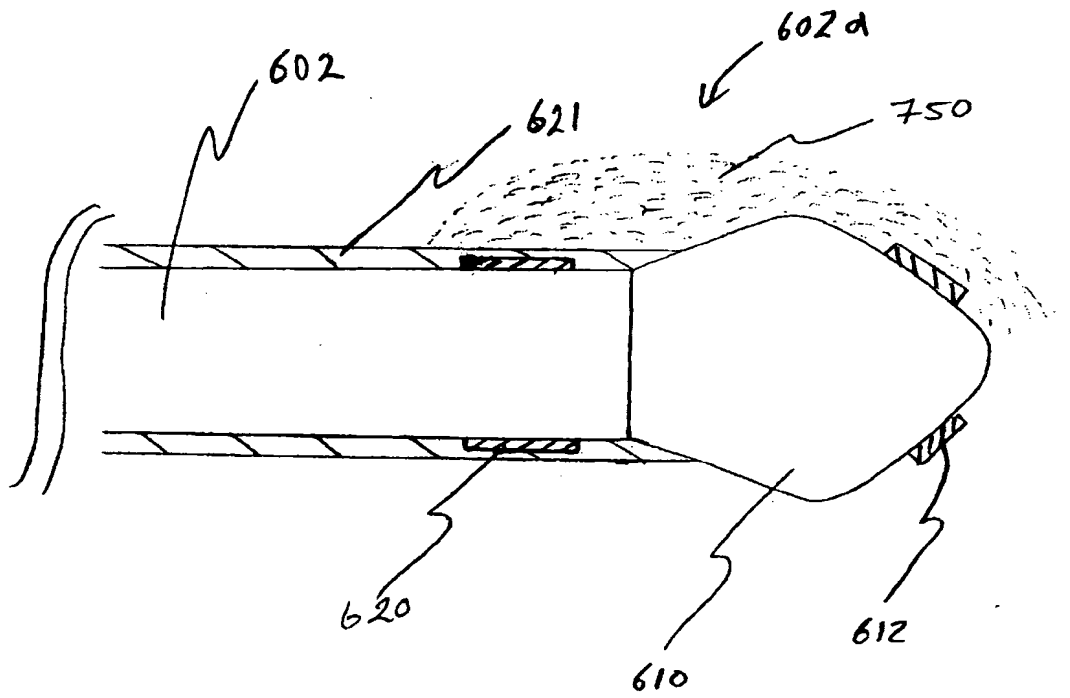
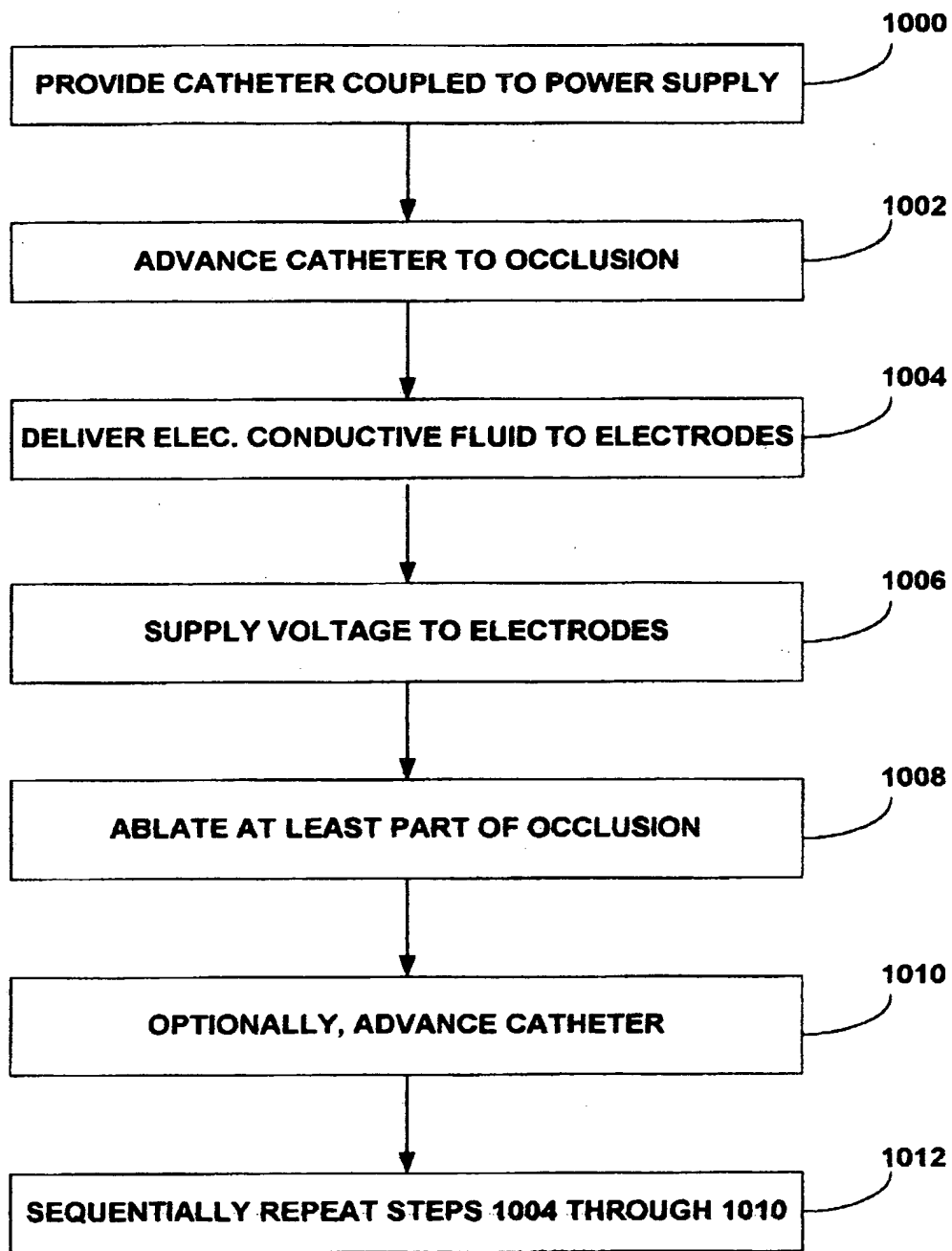
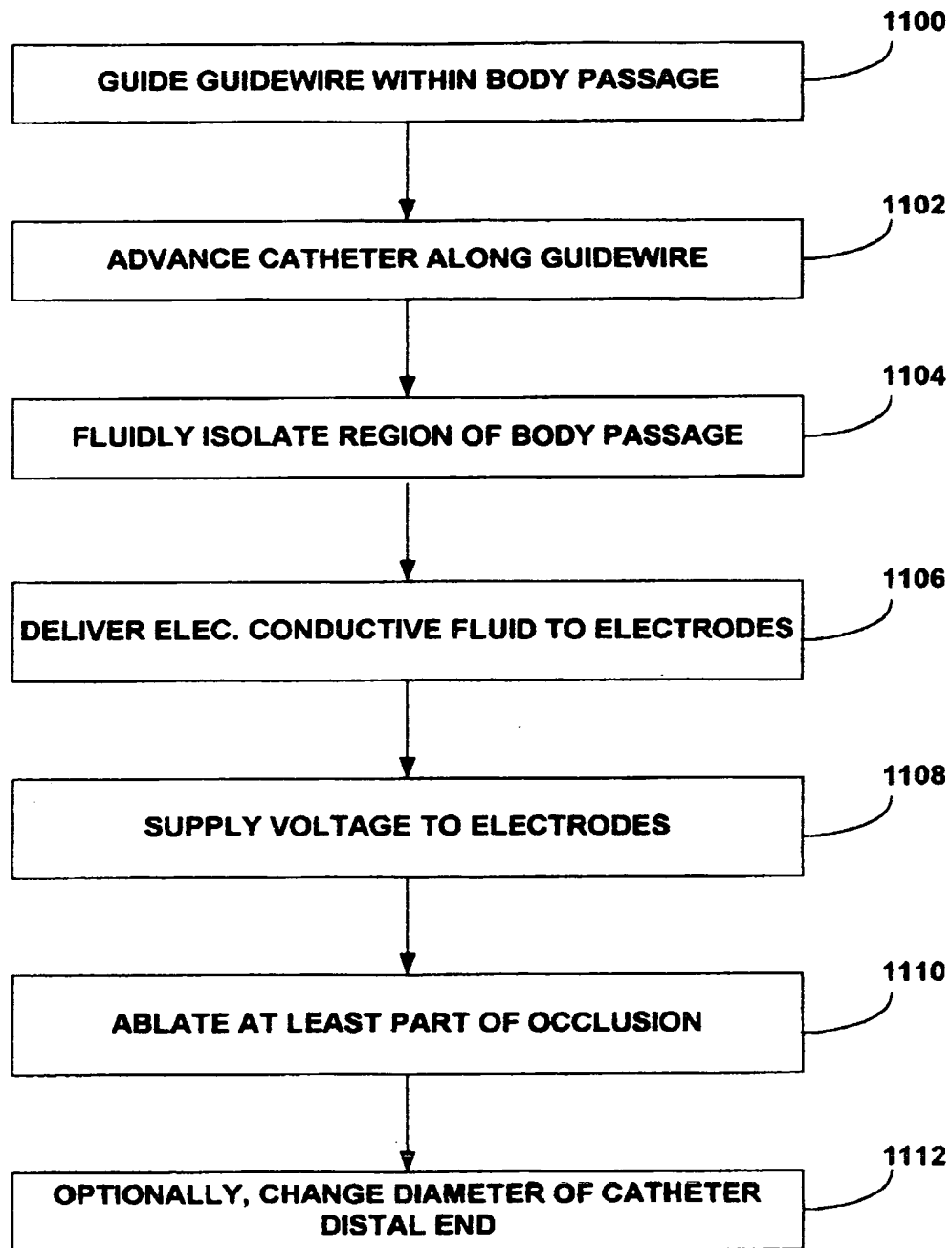


FIG. 40

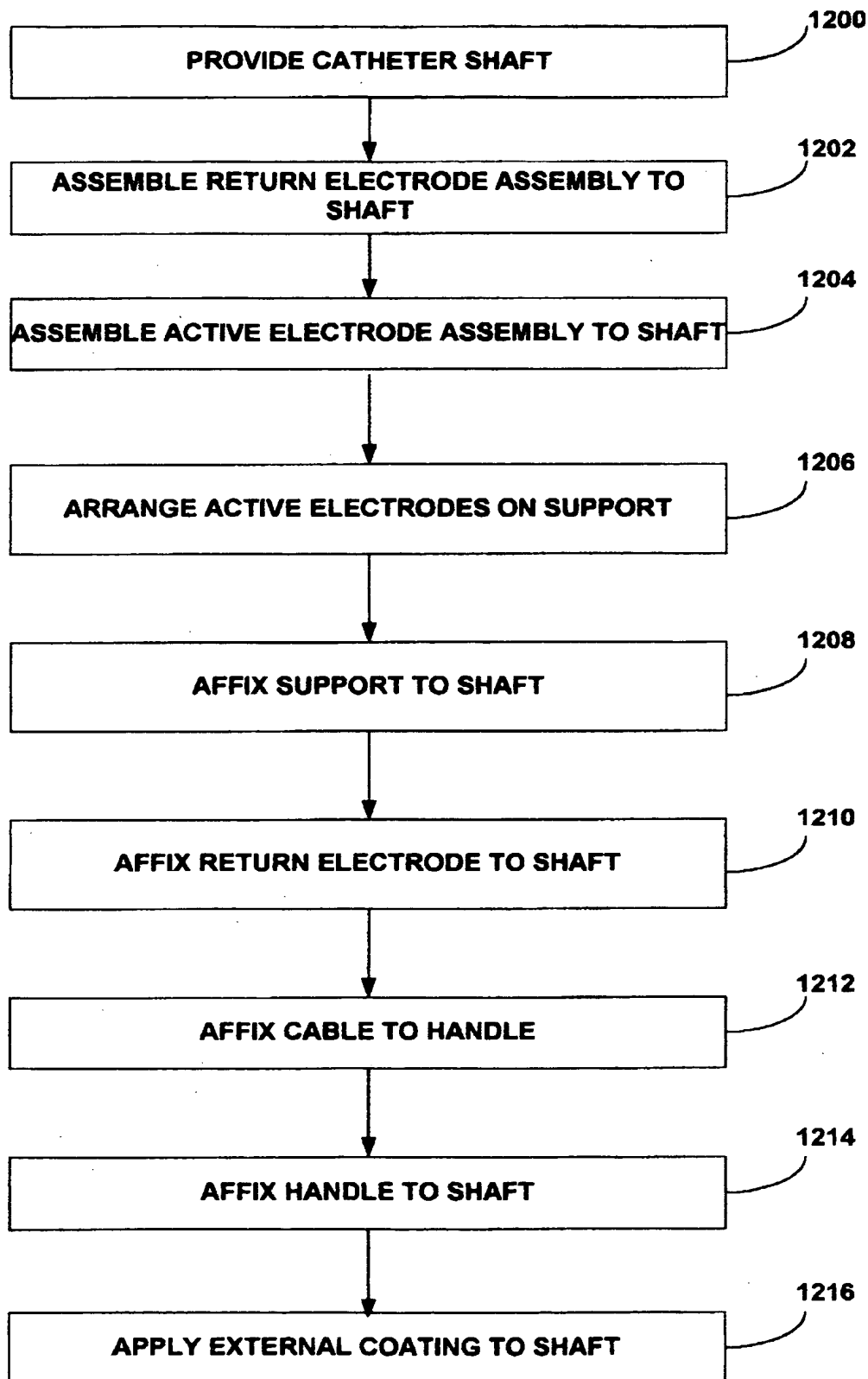


**Fig. 41A**





**Fig. 41B**



**Fig. 42**